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OF ALL THE 31 SATELLITES IN THE SOLAR SYSTEM, ONLY TITAN HAS AN ATMOSPHERE--AND THUS ABLE TO SUSTAIN LIFE! AND COINCIDENTALLY ENOUGH, THE SATURNIAN SATELLITE WAS WELL-NAMED--FOR IT WAS THERE THAT TWO "TITANS" WAGED THE STRANGEST WAR EVER FOUGHT!
BATTLE OF THE MOON MONSTERS!
INCREASE RAY-BLAST POWER! WE'VE GOT TO BREAK THAT CREATURE'S STRANGLE HOLD ON US!

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MYSTERY IN SPACE, No. 51, May, 1959 issue. Published monthly, with the exception of Jan., April, July and October, by NATIONAL COMICS PUBLICATIONS, INC., 2nd and Dickey Streets, SPARTA, ILL. Editorial, Executive offices and Subscriptions, 575 LEXINGTON AVENUE, NEW YORK 22, N. Y. Julius Schwartz, Editor. SECOND CLASS POSTAGE PAID AT SPARTA, ILL. under the act of March 3, 1879. Yearly subscription in the U.S. $1.00 including postage. Foreign, $2.00 in American funds. For advertising rates address Richard A. Feldon & Co., 205 East 42nd St., New York 17, N. Y. © 1959 by National Comics Publications, Inc. All rights reserved under International and Pan-American Copyright Conventions. Except for those who have authorized use of their names, the stories, characters and incidents mentioned in this periodical are entirely imaginary and fictitious and no identification with actual persons, living or dead, is intended or should be inferred.

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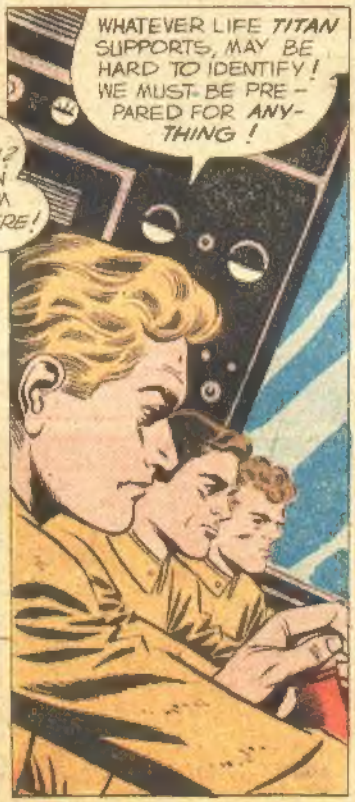
IT WAS IN THE YEAR 2044 THAT EARTHMEN FIRST PLANTED THEIR FOOTPRINTS ON THE DESERT SANDS OF THE PLANET MARS...
MOMENTS LATER, THE FOOTPRINTS ARE CRUMBLED AS...
AS MORE AND MORE OF THE ALIEN CREATURE RISES UPWARD...
LOOK! A MARTIAN!
GREETINGS, MEN OF ANOTHER WORLD!
BY MENTAL TELEPATHY, THE MARTIAN MAKES HIMSELF UNDERSTOOD...
AGES AGO WHEN MARS' ATMOSPHERE BECAME TOO THIN TO SUPPORT LIFE WE SOUGHT REFUGE IN THE ATMOSPHERE-FILLED UNDERWORLD! OUR BODIES EVOLVED SO TODAY WE CAN RAISE OR LOWER OUR BODILY DENSITY BY MENTAL ENERGY...
WHAT AN INCREDIBLE FORM OF LIFE!
ON CLOUD-COVERED VENUS IT IS DISCOVERED THAT LIFE HAS TAKEN ON ANOTHER STRANGE FORM...
We are the SFALL! Our race evolved from the element SILICON!
JUST AS OUR LIFE-FORMS EVOLVED FROM CARBON!

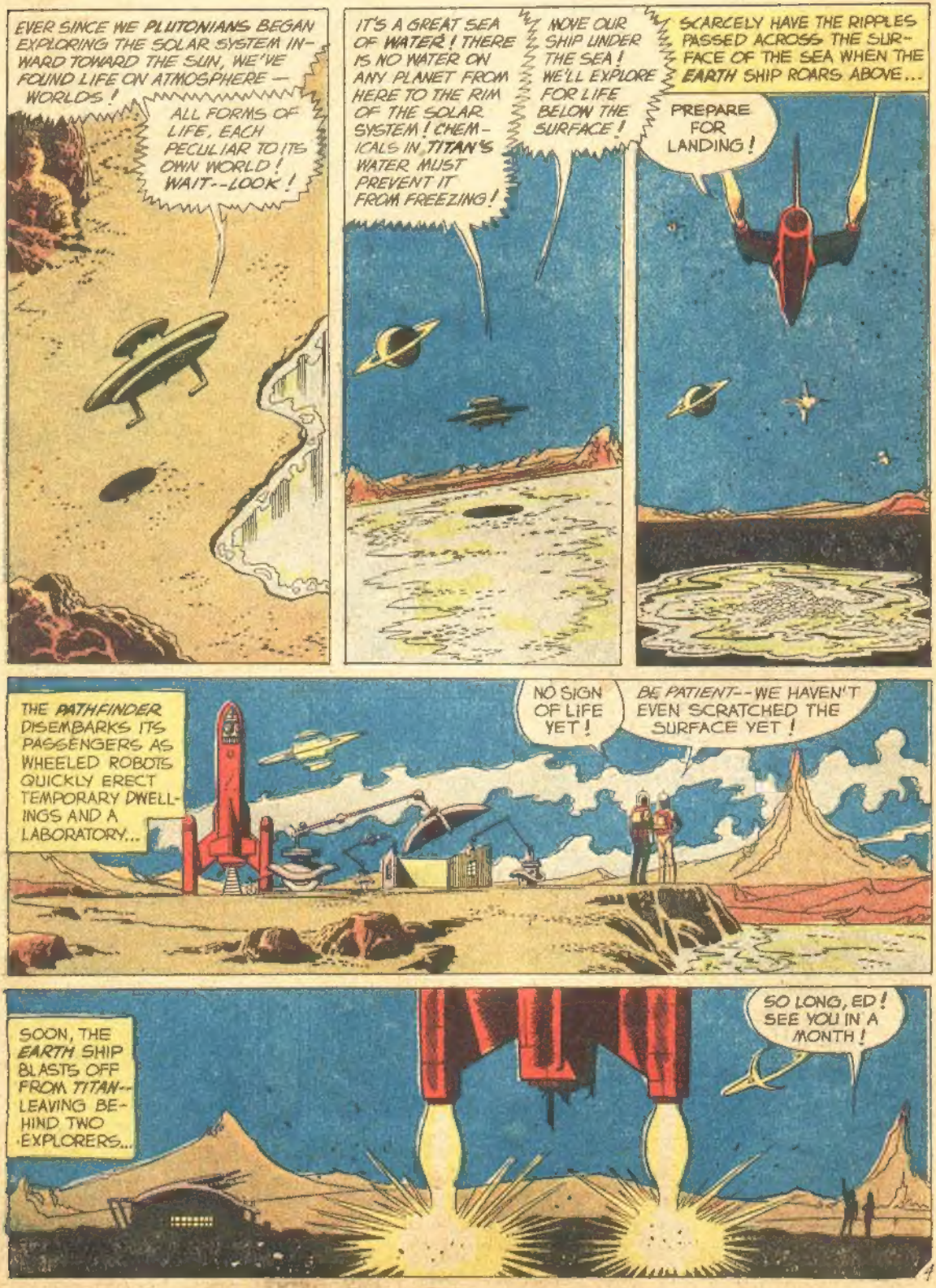
THE PLANET MERCURY--SO CLOSE TO THE SUN THAT TIN AND LEAD WILL MELT IN ITS 600° SURFACE TEMPERATURE--BOASTS INTELLIGENT BEINGS OF LIVING FIRE!...
WE NEVER THOUGHT WE'D FIND LIFE ON THIS HOT PLANET!

EVEN MIGHTY JUPITER--A WORLD OF METHANE GAS--HAS CREATURES OF ANIMATED CRYSTAL...
IT SEEMS TO BE A LAW OF NATURE THAT LIFE MUST EXIST--IN ONE BIZARRE FORM OR ANOTHER--ON EVERY ATMOSPHERE-COVERED WORLD!

NOW AN EARTH SPACE-CRUISER HURTLES PAST JUPITER TOWARD TITAN, LARGEST OF THE MOONS OF NEIGHBORING SATURN...
I WONDER WHAT NEW LIFE-FORM WE'LL FIND ON TITAN? IT IS THE ONLY SATELLITE IN THE ENTIRE SOLAR SYSTEM THAT HAS AN ATMOSPHERE!


WHATEVER LIFE TITAN SUPPORTS, MAY BE HARD TO IDENTIFY! WE MUST BE PREPARED FOR ANYTHING!

AT ALMOST THE SAME MOMENT, ON THE OTHER SIDE OF THE SATURNIAN SATELLITE, A STRANGE AND ALIEN VESSEL PLUMMETS INTO TITAN'S ATMOSPHERE...
ODD! OUR PULSOMETERS DETECT NO FORM OF LIFE HERE!
THERE MUST BE LIFE!


EVER SINCE WE PLUTONIANS BEGAN EXPLORING THE SOLAR SYSTEM INWARD TOWARD THE SUN, WE'VE FOUND LIFE ON ATMOSPHERE — WORLDS!
ALL FORMS OF LIFE, EACH PECULIAR TO ITS OWN WORLD! WAIT--LOOK!
IT'S A GREAT SEA OF WATER! THERE IS NO WATER ON ANY PLANET FROM HERE TO THE RIM OF THE SOLAR SYSTEM! CHEMICALS IN TITAN'S WATER MUST PREVENT IT FROM FREEZING!
MOVE OUR SHIP UNDER THE SEA! WE'LL EXPLORE FOR LIFE BELOW THE SURFACE!
SCARCELY HAVE THE RIPPLES PASSED ACROSS THE SURFACE OF THE SEA WHEN THE EARTH SHIP ROARS ABOVE...
PREPARE FOR LANDING!
THE PATHFINDER DISEMBARKS ITS PASSENGERS AS WHEELED ROBOTS QUICKLY ERECT TEMPORARY DWELLINGS AND A LABORATORY...
NO SIGN OF LIFE YET!
BE PATIENT--WE HAVEN'T EVEN SCRATCHED THE SURFACE YET!
SOON, THE EARTH SHIP BLASTS OFF FROM TITAN--LEAVING BEHIND TWO EXPLORERS...
SO LONG, ED! SEE YOU IN A MONTH!

AS THE PATHFINDER RISES SPACEWARD, THE SURFACE OF THE SEA RIPS ASUNDER AND A GIGANTIC TENTACLE STRETCHES UPWARD--WRAPPING ABOUT THE VESSEL!
IT'S GOT THE PATHFINDER! QUICK--FIRE YOUR RAY-GUN!
TWIN FLAMES OF RAVENOUS ENERGY SEAR THE AIR AS DESTRUCTIVE THUNDERBOLTS FLARE TOWARD THE MASSIVE TENTACLE!
WE'VE FOUND LIFE, ALL RIGHT--
--JUST IN TIME TO DESTROY IT!
ABRUPTLY THE TENTACLE LOOSENS AND THE EARTH SHIP LIMPS TOWARD SAFETY ON THE SHORE...
WE'VE GOT TO GET ABOARD--
--AND GO DOWN AFTER THAT SEA CREATURE! WE MUST BRING IT BACK TO EARTH FOR STUDY!
YOU ALL RIGHT, ED?
SURE! HURRY ABOARD! WE'RE GOING UNDER-WATER AFTER THAT MONSTER!
ESPECIALLY CONSTRUCTED TO TRAVEL ON LAND, IN AIR, WATER OR SPACE, THE PATHFINDER SINKS UNDER THE SEA...
IT'S SOMEWHERE AROUND HERE!
SEND OUT AN ELECTRIC BEAM! THAT'LL SHOCK IT INTO SHOWING ITSELF!

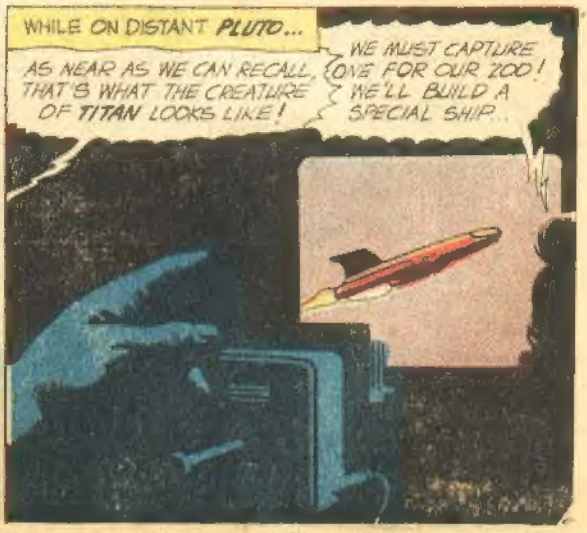
AS THE JAGGED BOLTS OF PURE ENERGY SIZZLE THROUGH THE WATER, A HUGE SHADOW STIRS TO LIFE...
LOOK AT IT! WOW! IT'S AS BIG AS A SPACESHIP!
WE CAN'T HANDLE ANYTHING THAT SIZE! WE'LL HAVE TO GO BACK TO EARTH FOR REINFORCEMENTS!

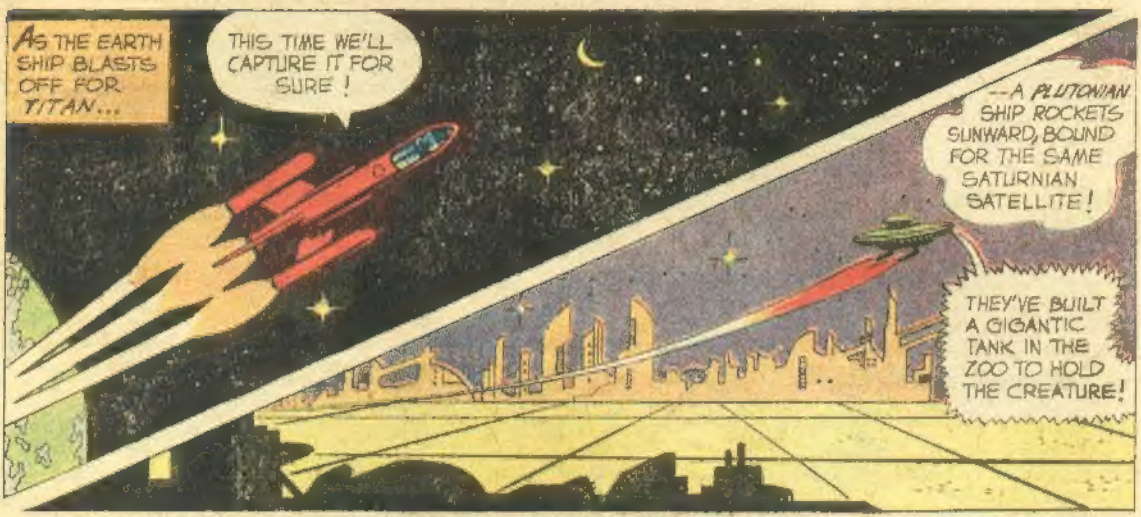
ABANDONING THE ATTEMPT TO CAPTURE THE "UNDERSEA CREATURE", THE PATHFINDER IS REPAIRED AND ROCKETS AWAY FROM TITAN...
WE NEED A BIGGER SHIP!
AND A BIGGER ARSENAL OF WEAPONS THAN THIS ONE CARRIES!

SOON AFTER, THE ALIEN VESSEL HURTLES SPACEWARD...
DID YOU EVER SEE SUCH AN AWESOME CREATURE?
WE TRIED TO CAPTURE IT WITH OUR SHIP'S TENTACLE-GRABBER-BUT WE HAD TO WITHDRAW IT WHEN THE MONSTER BLASTED US WITH ENERGY BOLTS! WE HAVE TO GO BACK TO PLUTO FOR REINFORCEMENTS!

ON THE PLANET EARTH, SOME DAYS LATER...
WE BUILT A MODEL OF THE MONSTER TO SHOW HOW IT LOOKED!

I HAVE A BLUEPRINT FOR CHANGES TO BE MADE IN A SPACE-CRUISER! YOU WILL BE ABLE TO CAPTURE THE TITAN CREATURE WHEN WE'RE FINISHED WITH IT!

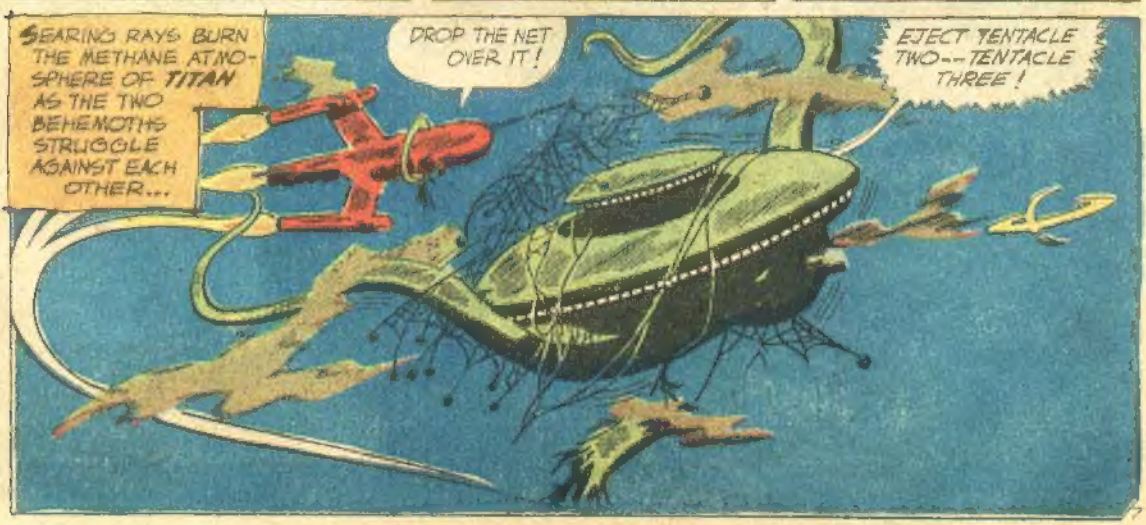

WHILE ON DISTANT PLUTO...
AS NEAR AS WE CAN RECALL, THAT'S WHAT THE CREATURE OF TITAN LOOKS LIKE!
WE MUST CAPTURE ONE FOR OUR ZOO! WE'LL BUILD A SPECIAL SHIP...


AS THE EARTH SHIP BLASTS OFF FOR TITAN...
THIS TIME WE'LL CAPTURE IT FOR SURE!
--A PLUTONIAN SHIP ROCKETS SUNWARD, BOUND FOR THE SAME SATURNIAN SATELLITE!
THEY'VE BUILT A GIGANTIC TANK IN THE ZOO TO HOLD THE CREATURE!

AS THE SHIPS REACH THEIR DESTINATION, EACH ONE CAUTIOUSLY APPROACHES THROUGH THE METHANE MISTS...
THERE IT IS! GET READY FOR ACTION!
HERE IT COMES! PREPARE FOR ACTION!

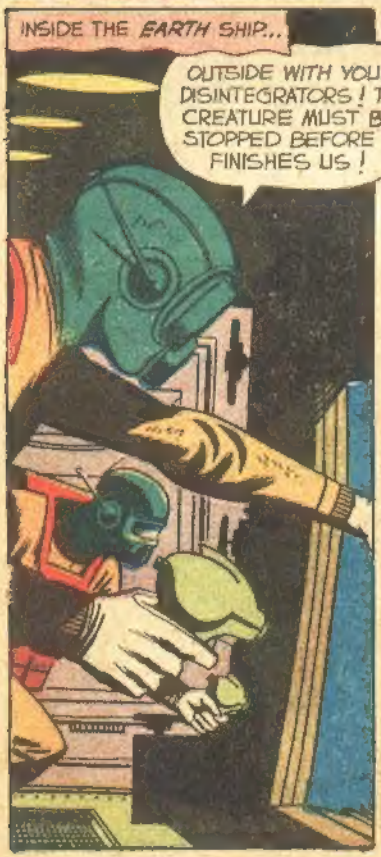
A MIGHTY STUN-FORCE BEAM SLAMS INTO THE PLUTONIAN VESSEL...
SHOOT OUT TENTACLE ONE! QUICKLY-- BEFORE IT SMASHES OUR CONTROL MECHANISMS!

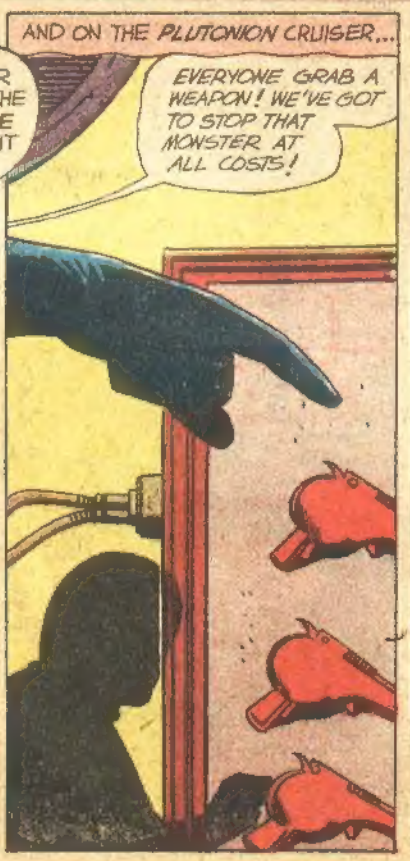
A MIGHTY ARM SNAKES OUT TO GRIP THE EARTH SHIP AND HOLD IT MOTIONLESS!
CUT OFF THE MONSTER'S TENTACLE WITH A DISSOLVORAY! WE MUST BREAK FREE OR WE'RE DONE FOR!


SEARING RAYS BURN THE METHANE ATMOSPHERE OF TITAN AS THE TWO BEHEMOTHS STRUGGLE AGAINST EACH OTHER...
DROP THE NET OVER IT!
EJECT TENTACLE TWO--TENTACLE THREE!

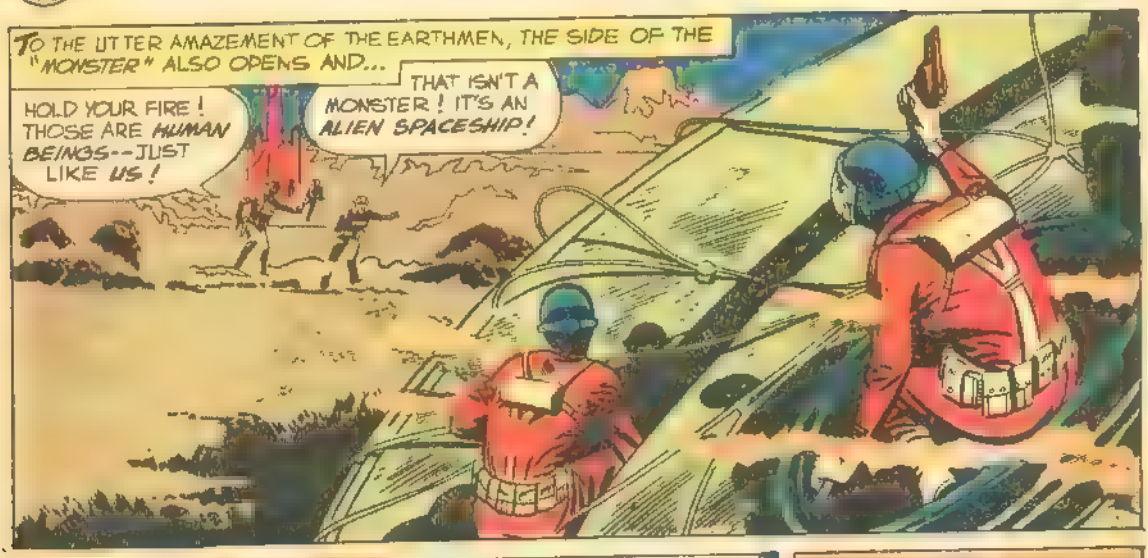
BACK AND FORTH ACROSS THE JAGGED, ROCKY SURFACE OF THE HUGE MOON RAGES THE TITANTIC BATTLE!
WE'LL NEVER BE ABLE TO KEEP SUCH A FIERCE MONSTER IN CAPTIVITY!
NO ZOO CAN HOLD THIS MIGHTY BEAST!

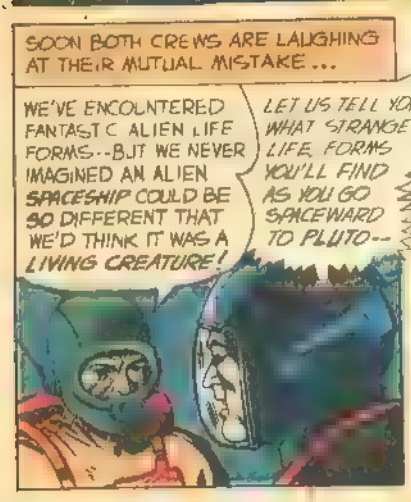
AS A LAST RESORT, THE EARTH VESSEL DISINTEGRATES A GREAT HOLE BENEATH THE PLUTONIAN VESSEL--JUST AS IT FINDS ITSELF BATTERED SIDE-WAYS UNDER A GIGANTIC ROCKFALL!


INSIDE THE EARTH SHIP...
OUTSIDE WITH YOUR DISINTEGRATORS! THE CREATURE MUST BE STOPPED BEFORE IT FINISHES US!


AND ON THE PLUTONION CRUISER...
EVERYONE GRAB A WEAPON! WE'VE GOT TO STOP THAT MONSTER AT ALL COSTS!

PORTHOLES SPRING OPEN! EARTHMEN LEAP DOWN AND ADVANCE THROUGH THE METHANE MISTS...
FORGET ABOUT CAPTURING THAT THING ALIVE!
OUR LIVES ARE IN DANGER! WE MUST DESTROY IT!


TO THE UTTER AMAZEMENT OF THE EARTHMEN, THE SIDE OF THE "MONSTER" ALSO OPENS AND...
HOLD YOUR FIRE! THOSE ARE HUMAN BEINGS--JUST LIKE US!
THAT ISN'T A MONSTER! IT'S AN ALIEN SPACESHIP!

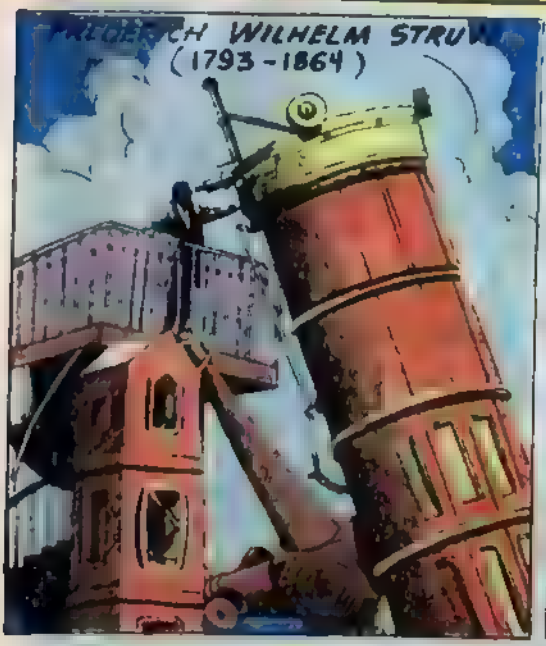

SOON BOTH CREWS ARE LAUGHING AT THEIR MUTUAL MISTAKE...
WE'VE ENCOUNTERED FANTASTIC ALIEN LIFE FORMS--BUT WE NEVER IMAGINED AN ALIEN SPACESHIP COULD BE SO DIFFERENT THAT WE'D THINK IT WAS A LIVING CREATURE!
LET US TELL YOU WHAT STRANGE LIFE FORMS YOU'LL FIND AS YOU GO SPACEWARD TO PLUTO--

AND SO, SHARING THE EXPLORATION OF THE SOLAR SYSTEM BETWEEN THEM THE SHIPS OF EARTH AND PLUTO LEAVE TITAN--NO LONGER "ENEMIES" BUT GOOD FRIENDS...
Ike Eud
9

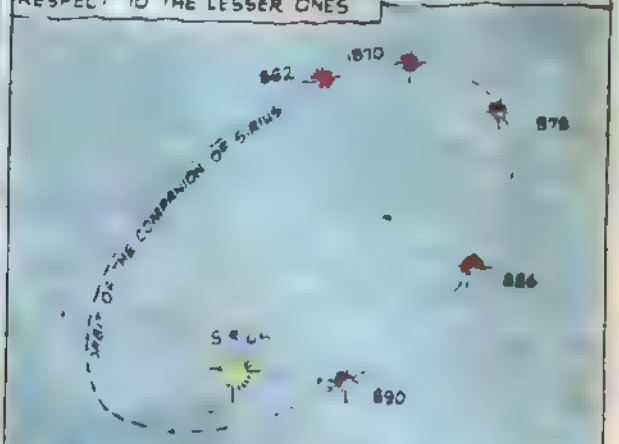
ADVERTISEMENT

A great circus clown they call Andy,
Whose antics are sure fun and dandy,
Said, "The smile that you see
Is not painted on me—
It's because I eat Tootsie Roll candy!"
Tootsie Roll

GIANTS OF THE TELESCOPE

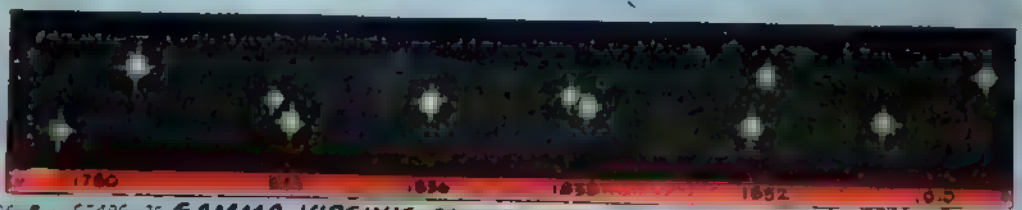


GERMAN-BORN FREDERICH WILHELM STRUVE, ONE OF THE CHIEF FOUNDERS OF DOUBLE-STAR ASTRONOMY, INITIATED REGULAR OBSERVATIONS OF DOUBLE STARS IN 1819--MEASURING THE ANGLES OF POSITION AND DISTANCES OF THE BRIGHTER COMPONENT STARS WITH RESPECT TO THE LESSER ONES



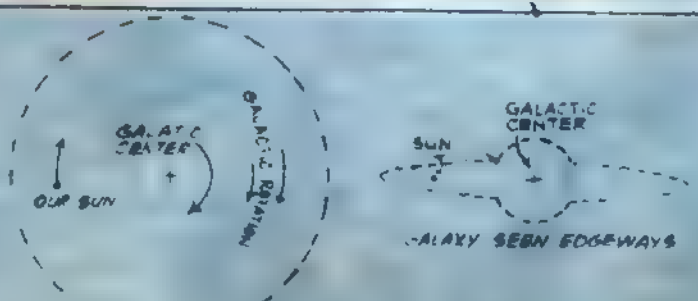
DOUBLE-STAR ORBIT OF **SIRIUS** AND ITS COMPANION

WITH THE PUBLICATION OF HIS CATALOGUE OF DOUBLE STARS IN 1819--A MILESTONE IN ASTRONOMICAL HISTORY--STRUVE SHOWED THAT THE DUPLICITY AND MULTIPLICITY OF STARS WAS NOT EXTRAORDINARY IN THE COSMIC UNIVERSE. HE PROVED THAT DOUBLE AND MULTIPLE STAR SYSTEMS WERE GOVERNED BY THE SAME LAW OF UNIVERSAL GRAVITATION THAT CONTROLLED OUR SUN AND PLANETS



THE DOUBLE STARS OF **GAMMA VIRGINIS** REVOLVE ABOUT EACH OTHER EVERY 180 YEARS. CURIOUSLY, IN 1836, THEY WERE IN THE SAME LINE OF SIGHT AND APPEARED AS A **SINGLE STAR!**

OUTSIDE HIS DOUBLE-STAR SPECIALTY, STRUVE'S IMPORTANT ASTRONOMICAL CONTRIBUTIONS CONSIST OF HIS DETERMINATION OF THE POSITION ANGLES, DISTANCES, PROPER MOTIONS, MAGNITUDES, AND COLORS OF MANY STARS. HE ALSO CLARIFIED THE DISTRIBUTION OF STARS IN OUR **MILKY WAY GALAXY...**



SIMPLIFIED DIAGRAM of SHAPE of GALAXY

The Man Who Conquered TIME!

FOR AGES, MEN HAVE DREAMED OF RECAPTURING THE PAST—EXPLORING THE EXCITING, UNKNOWN EVENTS OF YESTERYEAR! AND NOW...

Rip Hunter... TIME MASTER

MAKES THAT DREAM COME TRUE!

TRAVEL ALONG WITH HIM, ON HIS FIRST DARING ADVENTURE, IN THE AMAZING SPHERE THAT SMASHES THE TIME BARRIER--INTO THE

AGE of the DINOSAURS!

THRILL TO THE BATTLES OF TYRANNOSAUR VS. TRICERATOPS, AND OTHER PREHISTORIC BEASTS! SEE THE MAN OF TODAY PIT HIS BRAIN AND SKILL AGAINST THE BRUTE STRENGTH OF THE MAMMOTH MONSTERS OF YESTERYEAR!

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READ THIS 3-PART ACTION-PACKED STORY...

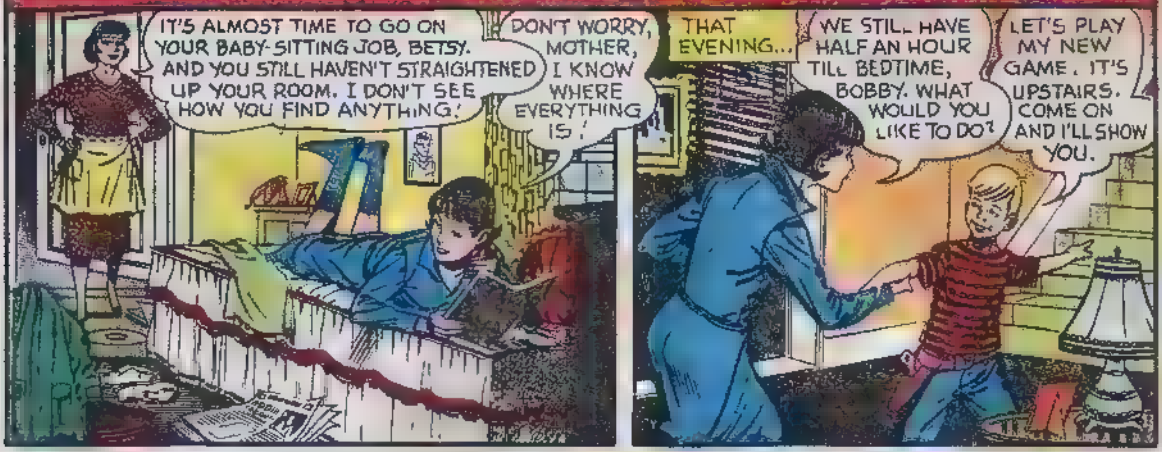
"PRISONERS of 100 MILLION B.C.!"

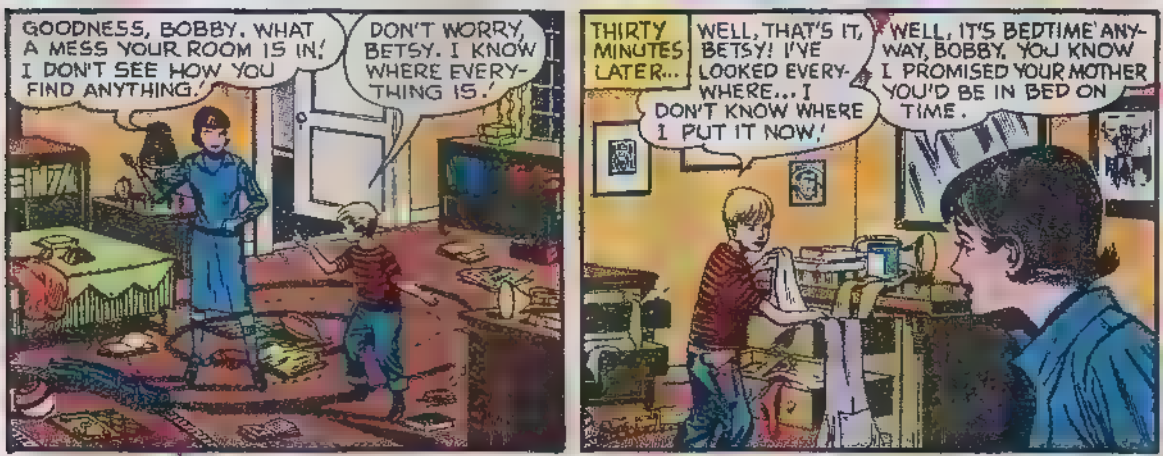
IN THE LATEST ISSUE OF...

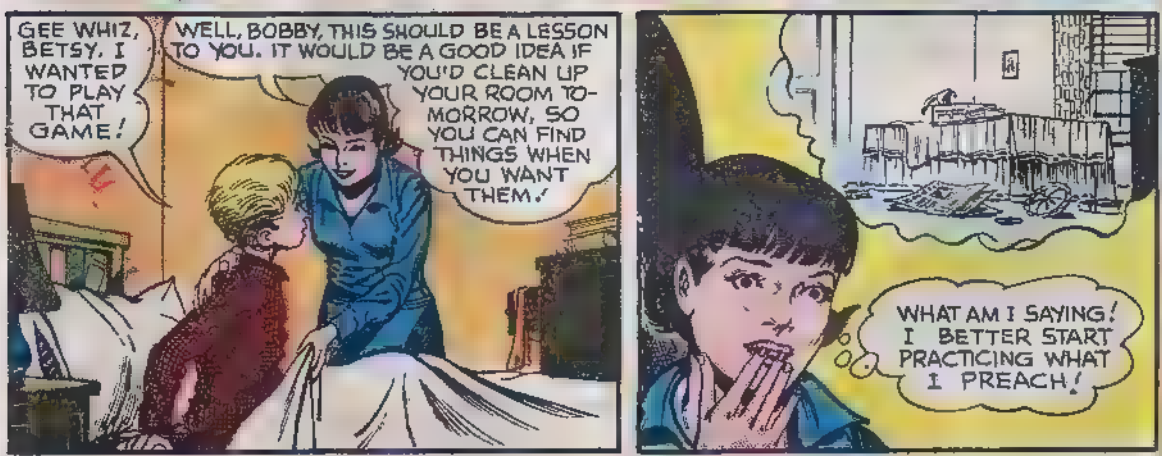
SHOWCASE

ON SALE MARCH 17th

Do YOU Make Life Hard for Yourself?


IT'S ALMOST TIME TO GO ON YOUR BABY-SITTING JOB, BETSY. AND YOU STILL HAVEN'T STRAIGHTENED UP YOUR ROOM. I DON'T SEE HOW YOU FIND ANYTHING!
DON'T WORRY, MOTHER, I KNOW WHERE EVERYTHING IS!
THAT EVENING...
WE STILL HAVE HALF AN HOUR TILL BEDTIME, BOBBY. WHAT WOULD YOU LIKE TO DO?
LET'S PLAY MY NEW GAME. IT'S UPSTAIRS. COME ON AND I'LL SHOW YOU.


GOODNESS, BOBBY. WHAT A MESS YOUR ROOM IS IN! I DON'T SEE HOW YOU FIND ANYTHING!
DON'T WORRY, BETSY. I KNOW WHERE EVERYTHING IS!
THIRTY MINUTES LATER...
WELL, THAT'S IT, BETSY! I'VE LOOKED EVERYWHERE... I DON'T KNOW WHERE I PUT IT NOW!
WELL, IT'S BEDTIME ANYWAY, BOBBY. YOU KNOW I PROMISED YOUR MOTHER YOU'D BE IN BED ON TIME.


GEE WHIZ, BETSY. I WANTED TO PLAY THAT GAME!
WELL, BOBBY, THIS SHOULD BE A LESSON TO YOU. IT WOULD BE A GOOD IDEA IF YOU'D CLEAN UP YOUR ROOM TOMORROW, SO YOU CAN FIND THINGS WHEN YOU WANT THEM.
WHAT AM I SAYING! I BETTER START PRACTICING WHAT I PREACH!

PUBLISHED AS A PUBLIC SERVICE IN COOPERATION WITH THE NATIONAL SOCIAL WELFARE ASSEMBLY, COORDINATING ORGANIZATION FOR NATIONAL HEALTH, WELFARE AND RECREATION AGENCIES OF THE U. S.

The MAN WHO DISCOVERED THE "EARTH"!
GREAT STARS! IN THE "MIXED-UP" 20th CENTURY CIVILIZATION OF THIS TWIN EARTH THERE ARE LIVING DINOSAURS!... A ROMAN EMPEROR!... JOUSTING MEDIEVAL KNIGHTS!
NU YORK
vs CHICKAGO
ZOO of CAESAR OF AMERICA
OUT OF BILLIONS OF PEOPLE ON EARTH, TWO PERSONS ARE OFTEN EXACT DOUBLES! THIS HAPPENS BY THE SHEER LAW OF CHANCE!
CAN THIS SAME DUPLICATION OCCUR AMONG WORLDS IN SPACE? CAN THERE BE A DOUBLE OF EARTH SOMEWHERE IN THE VAST UNIVERSE, WITH OUR LANDS AND SEAS, OUR SPECIES OF ANIMALS, OUR HUMAN HISTORY AND CIVILIZATION, EVEN OUR EARTHLY SCIENCE?

"IT WAS ON MY 21ST BIRTHDAY JUNE 10 2045, THAT MY FATHER CALLED ME INTO HIS STUDY FOR A SERIOUS DISCUSSION"

ROY, FOR GENERATIONS EACH MAN IN OUR FAMILY ACHIEVED FAME AS A PIONEER! OUR EARLY ANCESTORS FIRST REACHED CALIFORNIA, FIRST DISCOVERED THE LOST VALLEY, AND FIRST EXPLORED THE CRYSTA CAVERNS!

THEN, MY GRAND-FATHER, MY FATHER, AND MYSELF HAVE ALL WON THOSE SPACE TROPHIES! NOW IT'S YOUR TURN SON TO CARRY ON THE FAMILY TRADITION!

[illegible] CARR FIRST EARTHMAN ON MARS 1974

[illegible] CARR FIRST TO REACH NEAREST STAR 2088

[illegible] CARR FIRST MAN TO TRAVEL TO SIRIUS 2034

BUT IN MY CASE IN 2045 THIS WASN'T EASY!

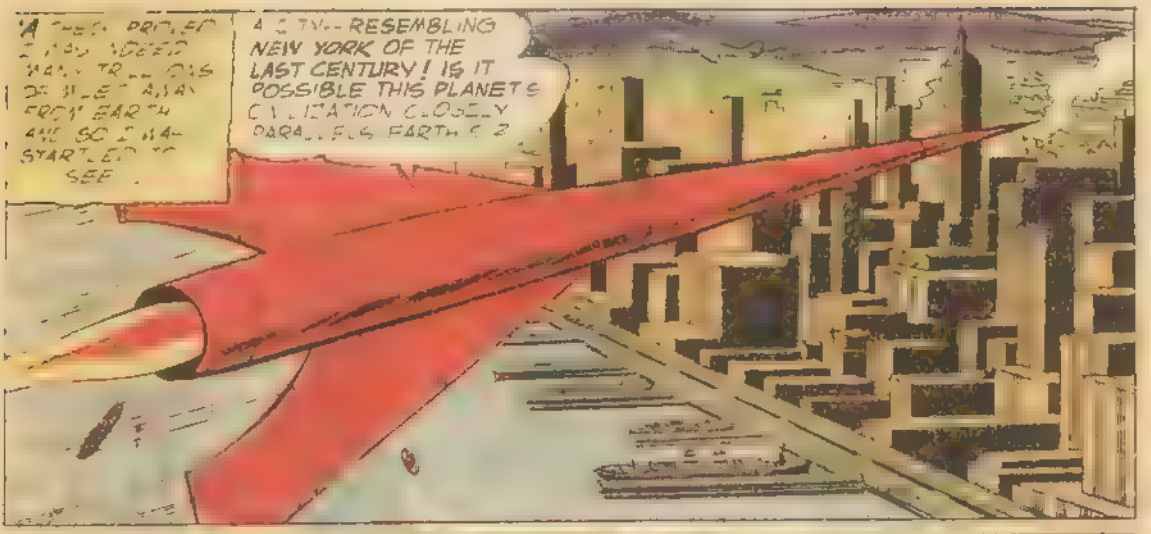
EXPLORERS HAVE BEEN ALL OVER THE GALAXY BY NOW, DISCOVERING THOUSANDS OF UNUSUAL PLANETS! HOW MANY DIFFERENT ONES CAN THERE BE LEFT?

"I FELT LITTLE HOPE AS I SCOURED THE GALAXY IN MY FASTER-THAN-LIGHT SPACE-SHIP..."

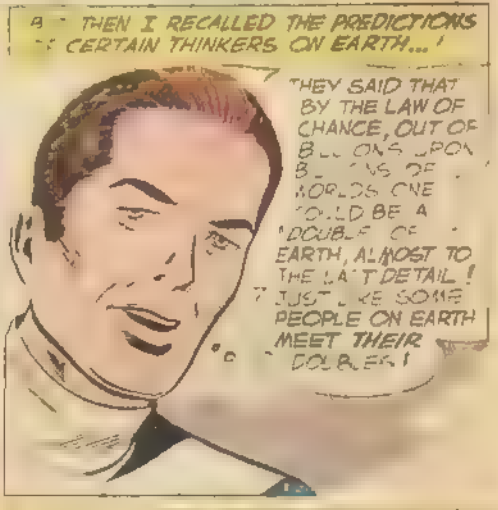
[illegible] I BE LUCKY ENOUGH TO STUMBLE ON SOME THING TERRIFIC LIKE THE STRIPED PLANET, OR THE PORCUPINE PLANET?

"THEN IN A REMOTE SECTION OF THE GALAXY I SAW A STRANGELY FAMILIAR SIGHT!"

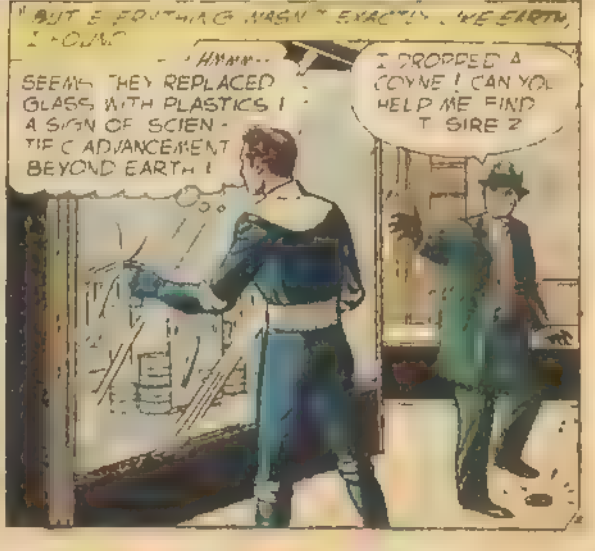
THAT PLANET IS ALMOST A TWIN OF EARTH! SAME SIZE, SIMILAR CONTINENTS, OCEANS, CLOUDS..! UNLESS I'VE SOMEHOW RETURNED TO MY OWN WORLD, THIS COULD BE THE DISCOVERY I'VE BEEN LOOKING FOR!

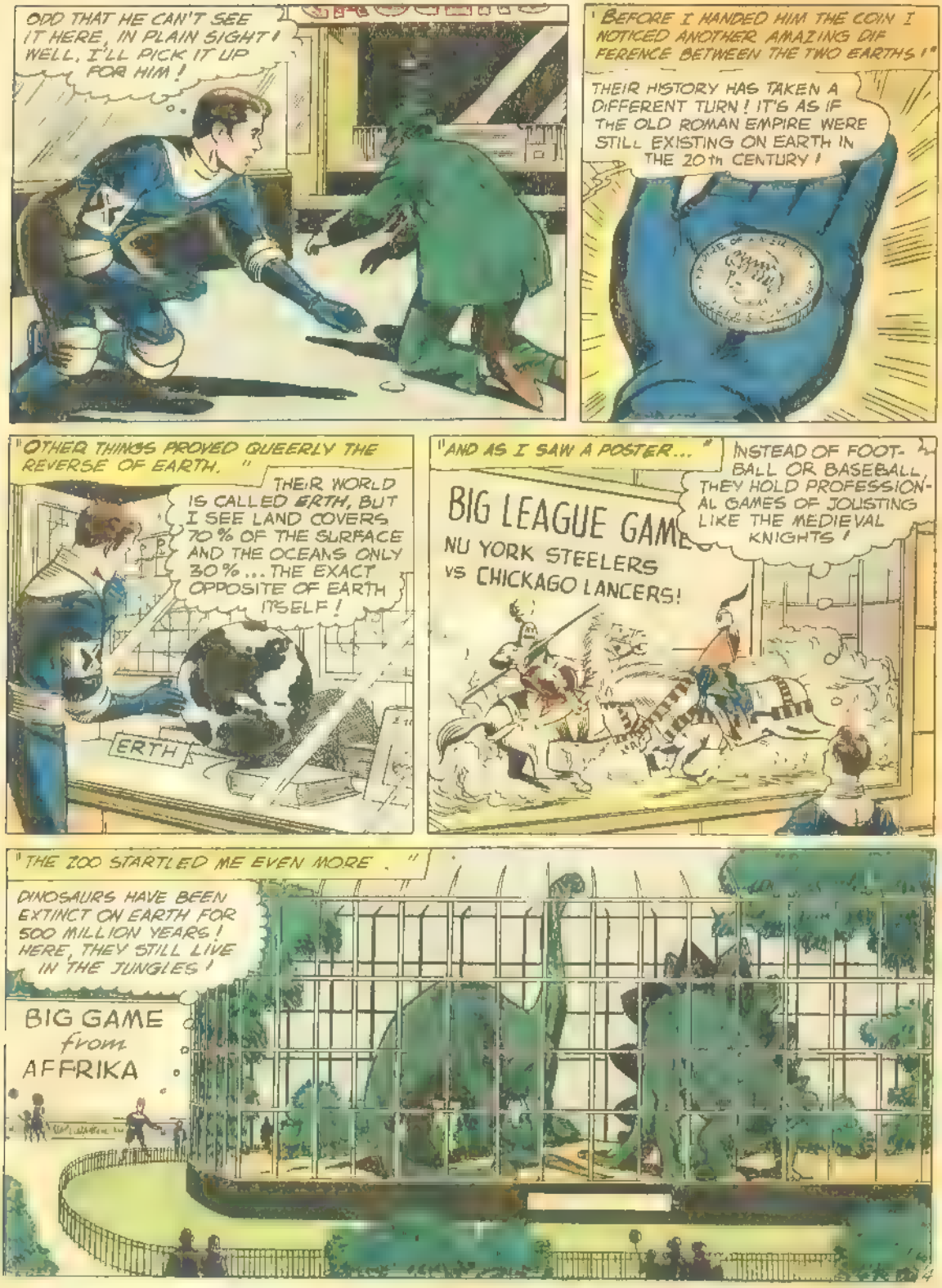

A CITY--RESEMBLING NEW YORK OF THE LAST CENTURY! IS IT POSSIBLE THIS PLANET'S CIVILIZATION CLOSELY PARALLELS EARTH'S?

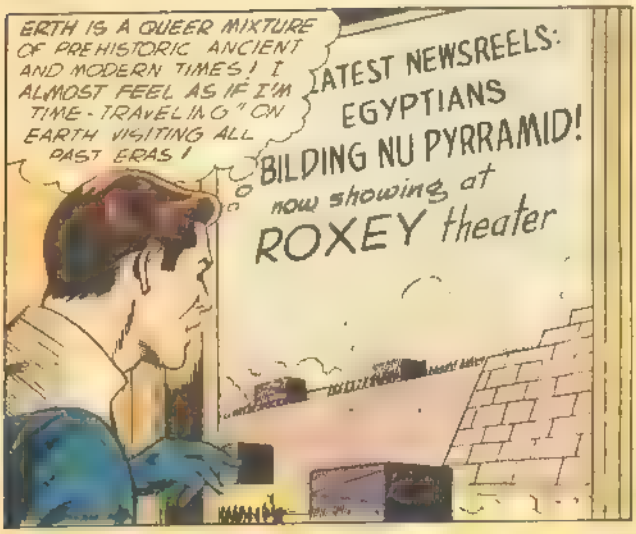
"AFTER I LANDED AND LOOKED AROUND I WAS EVEN MORE STARTLED!
EVEN THE PEOPLE ARE PERFECTLY HUMAN! THEY DON'T EVEN NOTICE I'M FROM ANOTHER WORLD! HOW COULD SUCH A SECOND EARTH EXIST?

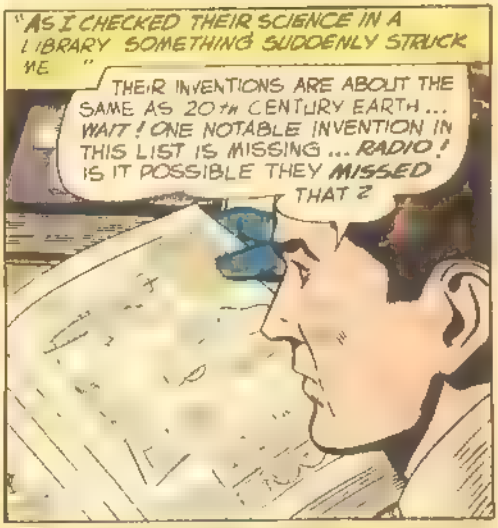

"THEN I RECALLED THE PREDICTIONS OF CERTAIN THINKERS ON EARTH...!
THEY SAID THAT BY THE LAW OF CHANCE, OUT OF BILLIONS UPON BILLIONS OF WORLDS ONE COULD BE A DOUBLE OF EARTH, ALMOST TO THE LAST DETAIL! JUST LIKE SOME PEOPLE ON EARTH MEET THEIR DOUBLES!

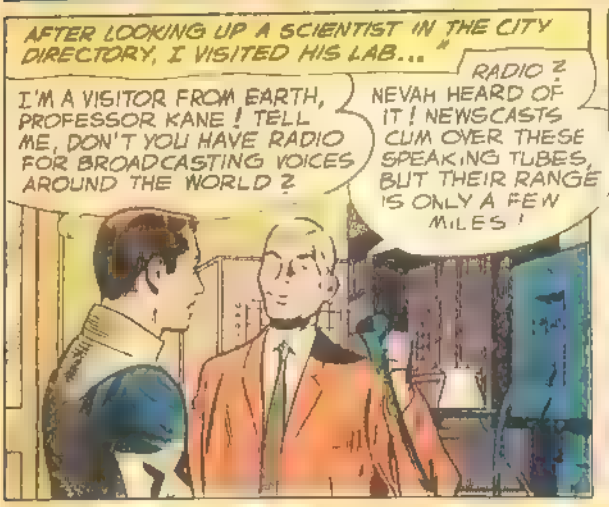
I WAS NO LONGER SURPRISED AT THE OTHER "CARBON-COPY" PHENOMENA I SAW..."
THEY EVEN HAVE AN EARTH LANGUAGE EXCEPT FOR SOME WHAT DIFFERENT PRONUNCIATION AND SPELLING! THEY USE METAL COINS FOR MONEY TOO!
GROSERRY SCHOP

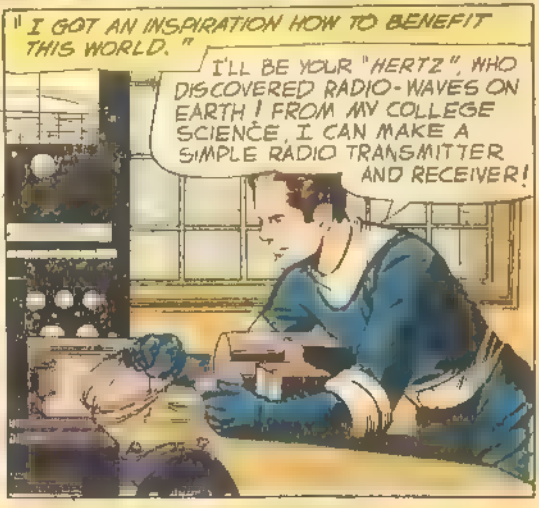

"BUT EARTHLING WASN'T EXACTLY LIKE EARTH, I FOUND
HMMM... SEEMS THEY REPLACED GLASS WITH PLASTICS! A SIGN OF SCIENTIFIC ADVANCEMENT BEYOND EARTH!
I DROPPED A COYNE! CAN YOU HELP ME FIND IT SIRE?

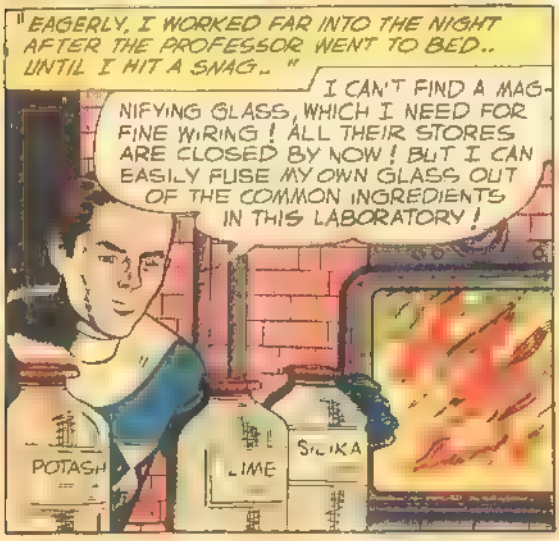

ODD THAT HE CAN'T SEE IT HERE, IN PLAIN SIGHT! WELL, I'LL PICK IT UP FOR HIM!
"BEFORE I HANDED HIM THE COIN I NOTICED ANOTHER AMAZING DIFFERENCE BETWEEN THE TWO EARTHS!"
THEIR HISTORY HAS TAKEN A DIFFERENT TURN! IT'S AS IF THE OLD ROMAN EMPIRE WERE STILL EXISTING ON EARTH IN THE 20th CENTURY!
"OTHER THINGS PROVED QUEERLY THE REVERSE OF EARTH."
THEIR WORLD IS CALLED ERTH, BUT I SEE LAND COVERS 70% OF THE SURFACE AND THE OCEANS ONLY 30%... THE EXACT OPPOSITE OF EARTH ITSELF!
ERTH
"AND AS I SAW A POSTER..."
BIG LEAGUE GAME
NU YORK STEELERS VS CHICKAGO LANCERS!
INSTEAD OF FOOTBALL OR BASEBALL, THEY HOLD PROFESSIONAL GAMES OF JOUSTING LIKE THE MEDIEVAL KNIGHTS!
"THE ZOO STARTLED ME EVEN MORE."
DINOSAURS HAVE BEEN EXTINCT ON EARTH FOR 500 MILLION YEARS! HERE, THEY STILL LIVE IN THE JUNGLES!
BIG GAME from AFFRIKA


ERTH IS A QUEER MIXTURE OF PREHISTORIC ANCIENT AND MODERN TIMES! I ALMOST FEEL AS IF I'M TIME-TRAVELING" ON EARTH VISITING ALL PAST ERAS!
LATEST NEWSREELS: EGYPTIANS BILDING NU PYRRAMID! now showing at ROXEY theater

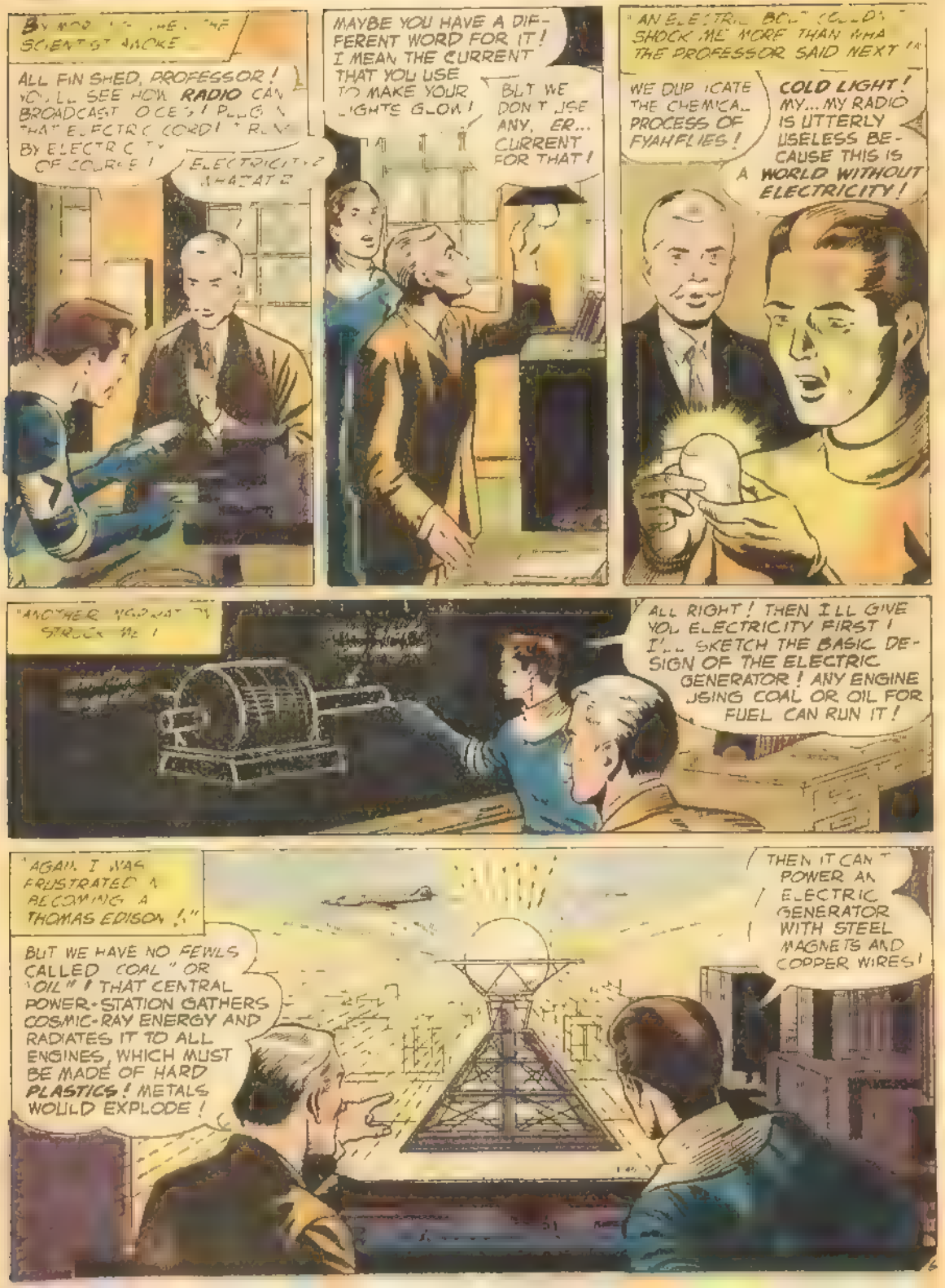

"AS I CHECKED THEIR SCIENCE IN A LIBRARY SOMETHING SUDDENLY STRUCK ME"
THEIR INVENTIONS ARE ABOUT THE SAME AS 20TH CENTURY EARTH... WAIT! ONE NOTABLE INVENTION IN THIS LIST IS MISSING... RADIO! IS IT POSSIBLE THEY MISSED THAT?

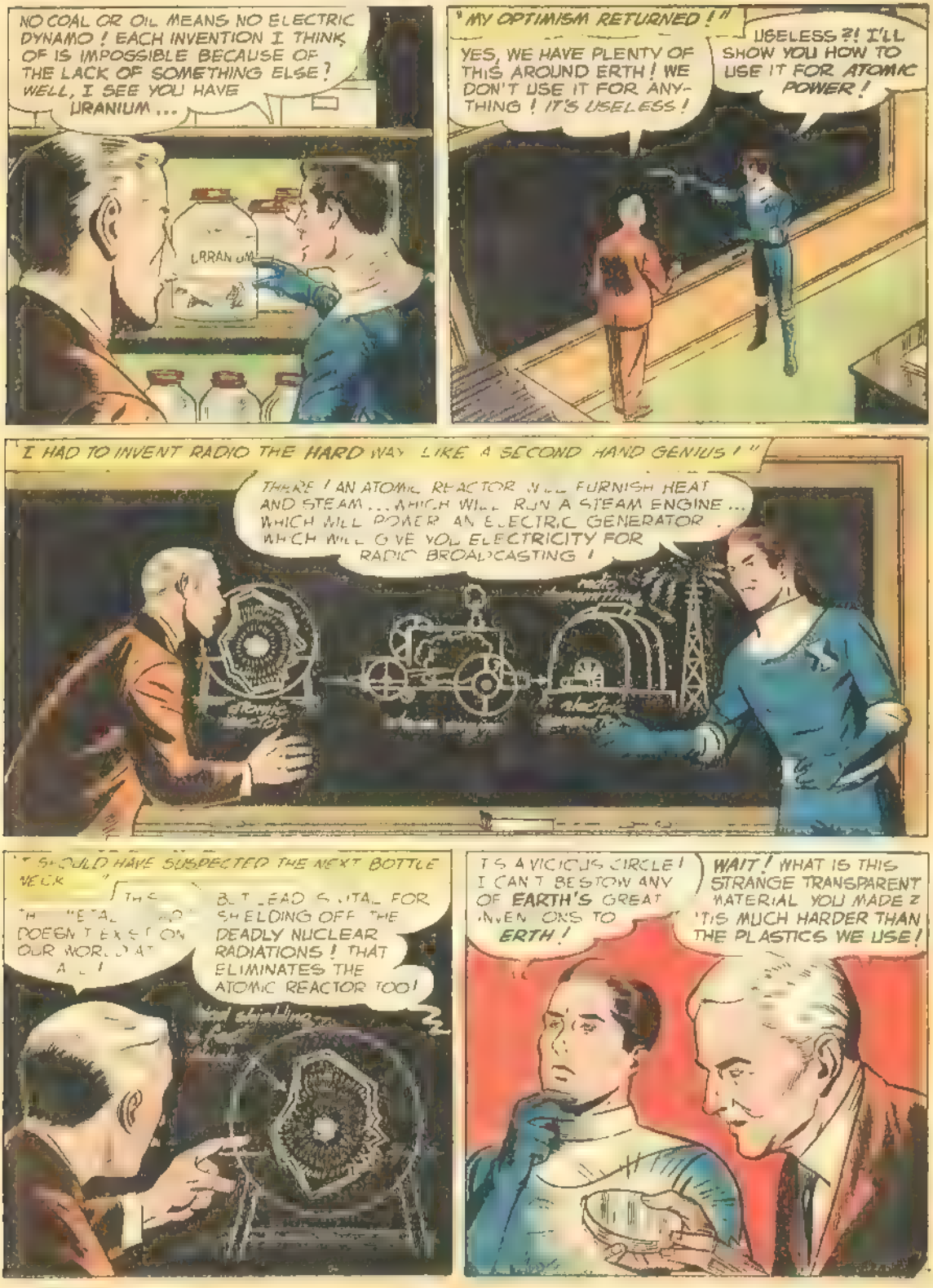

AFTER LOOKING UP A SCIENTIST IN THE CITY DIRECTORY, I VISITED HIS LAB..."
I'M A VISITOR FROM EARTH, PROFESSOR KANE! TELL ME, DON'T YOU HAVE RADIO FOR BROADCASTING VOICES AROUND THE WORLD?
RADIO? NEVAH HEARD OF IT! NEWSCASTS CUM OVER THESE SPEAKING TUBES, BUT THEIR RANGE IS ONLY A FEW MILES!

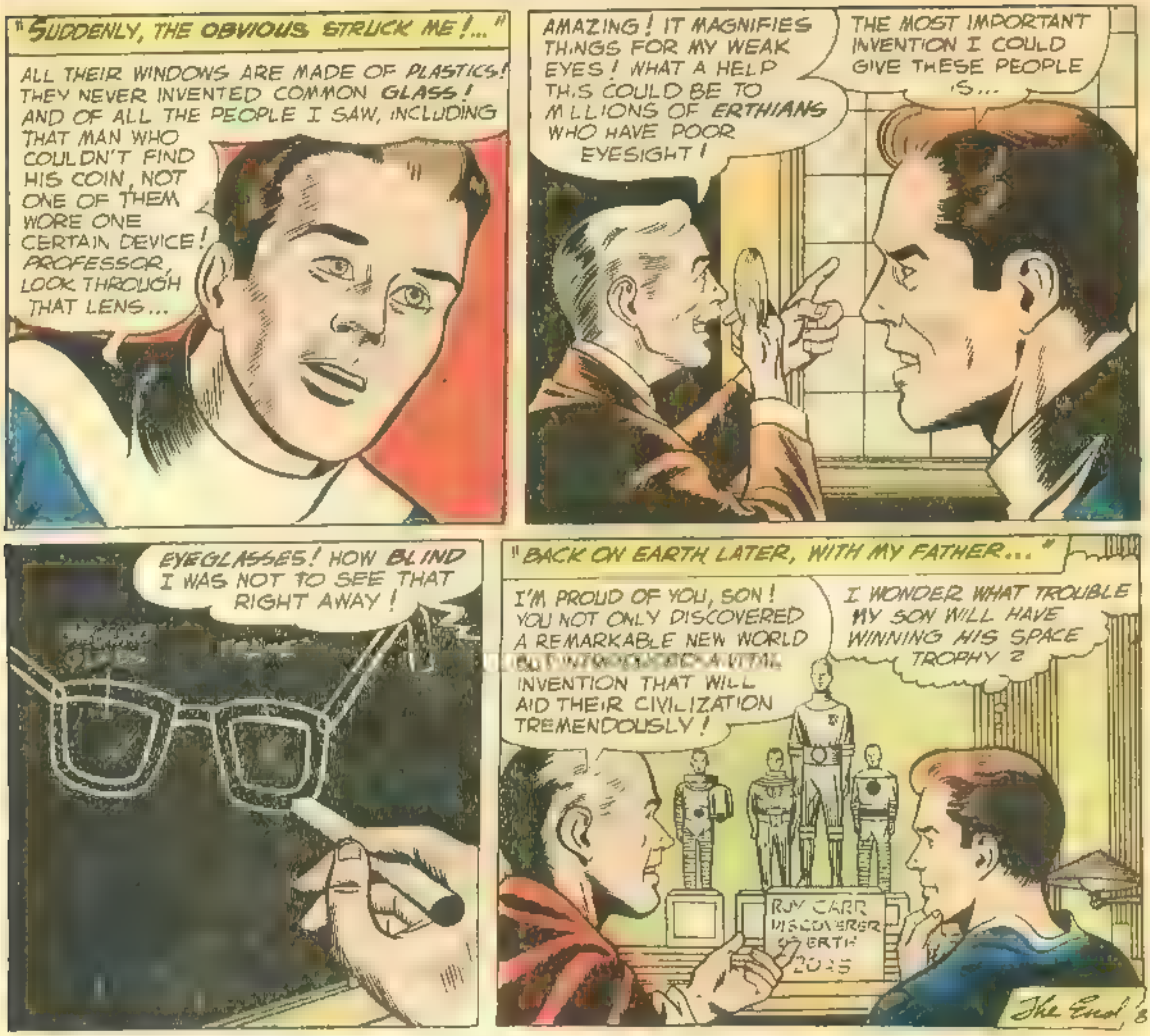

"I GOT AN INSPIRATION HOW TO BENEFIT THIS WORLD."
I'LL BE YOUR "HERTZ", WHO DISCOVERED RADIO-WAVES ON EARTH! FROM MY COLLEGE SCIENCE, I CAN MAKE A SIMPLE RADIO TRANSMITTER AND RECEIVER!


"EAGERLY, I WORKED FAR INTO THE NIGHT AFTER THE PROFESSOR WENT TO BED.. UNTIL I HIT A SNAG.."
I CAN'T FIND A MAGNIFYING GLASS, WHICH I NEED FOR FINE WIRING! ALL THEIR STORES ARE CLOSED BY NOW! BUT I CAN EASILY FUSE MY OWN GLASS OUT OF THE COMMON INGREDIENTS IN THIS LABORATORY!
POTASH
LIME
SILICA

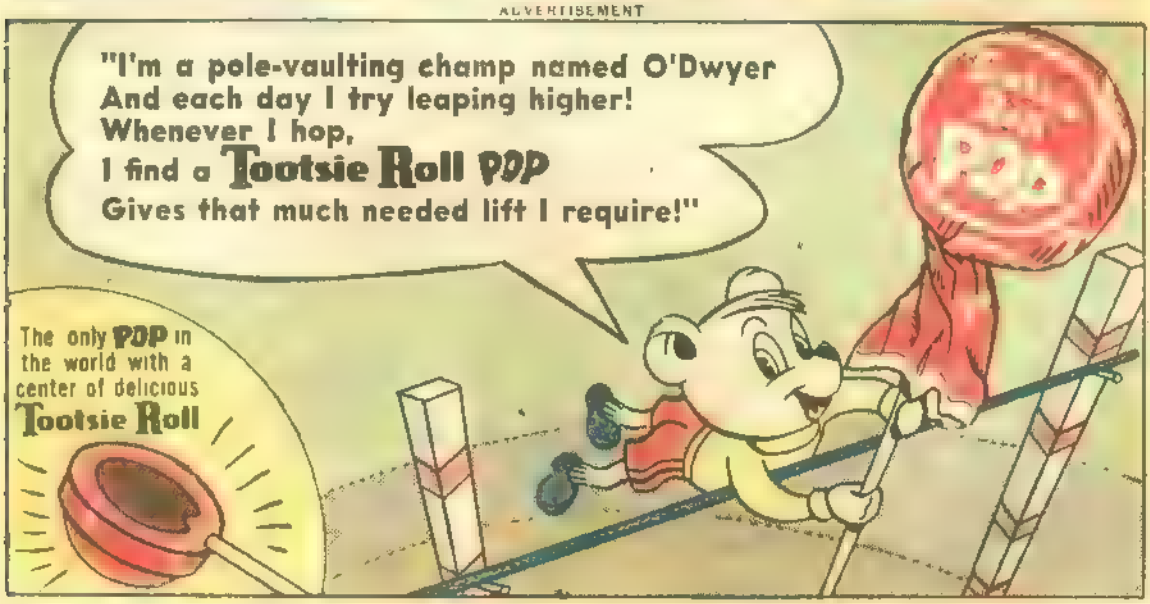
"AFTER USING HIS LAB FURNACE FOR MELTING METALS"
I'LL SHAPE THE MOLTEN GLASS INTO A MAGNIFYING LENS BEFORE IT COOLS!


BY NOW THE SCIENTIST SMOKE
ALL FIN SHED, PROFESSOR! YOU'LL SEE HOW RADIO CAN BROADCAST OCE'S! PLUG IN THAT ELECTRIC CORD! TURN BY ELECTRICITY OF COURSE!
ELECTRICITY? WHAT AT?
MAYBE YOU HAVE A DIFFERENT WORD FOR IT! I MEAN THE CURRENT THAT YOU USE TO MAKE YOUR LIGHTS GLOW!
BUT WE DON'T USE ANY, ER... CURRENT FOR THAT!
"AN ELECTRIC BOLT COULD SHOCK ME MORE THAN WHAT THE PROFESSOR SAID NEXT!"
WE DUPLICATE THE CHEMICAL PROCESS OF FYAH FLIES!
COLD LIGHT! MY... MY RADIO IS UTTERLY USELESS BECAUSE THIS IS A WORLD WITHOUT ELECTRICITY!
"ANOTHER NOTION STRUCK ME!
ALL RIGHT! THEN I'LL GIVE YOU ELECTRICITY FIRST! I'LL SKETCH THE BASIC DESIGN OF THE ELECTRIC GENERATOR! ANY ENGINE USING COAL OR OIL FOR FUEL CAN RUN IT!
"AGAIN, I WAS FRUSTRATED AT BECOMING A THOMAS EDISON!"
BUT WE HAVE NO FEWLS CALLED "COAL" OR "OIL"! THAT CENTRAL POWER-STATION GATHERS COSMIC-RAY ENERGY AND RADIATES IT TO ALL ENGINES, WHICH MUST BE MADE OF HARD PLASTICS! METALS WOULD EXPLODE!
THEN IT CAN POWER AN ELECTRIC GENERATOR WITH STEEL MAGNETS AND COPPER WIRES!


NO COAL OR OIL MEANS NO ELECTRIC DYNAMO! EACH INVENTION I THINK OF IS IMPOSSIBLE BECAUSE OF THE LACK OF SOMETHING ELSE! WELL, I SEE YOU HAVE URANIUM...
URANIUM
"MY OPTIMISM RETURNED!"
YES, WE HAVE PLENTY OF THIS AROUND ERTH! WE DON'T USE IT FOR ANYTHING! IT'S USELESS!
USELESS?! I'LL SHOW YOU HOW TO USE IT FOR ATOMIC POWER!
"I HAD TO INVENT RADIO THE HARD WAY LIKE A SECOND HAND GENIUS!"
THERE! AN ATOMIC REACTOR WILL FURNISH HEAT AND STEAM...WHICH WILL RUN A STEAM ENGINE... WHICH WILL POWER AN ELECTRIC GENERATOR... WHICH WILL GIVE YOU ELECTRICITY FOR RADIO BROADCASTING!
atomic reactor
electric
"I SHOULD HAVE SUSPECTED THE NEXT BOTTLE NECK"
THIS METAL DOESN'T EXIST ON OUR WORLD AT ALL!
BUT LEAD IS VITAL FOR SHIELDING OFF THE DEADLY NUCLEAR RADIATIONS! THAT ELIMINATES THE ATOMIC REACTOR TOO!
IT'S A VICIOUS CIRCLE! I CAN'T BESTOW ANY OF EARTH'S GREAT INVENTIONS TO ERTH!
WAIT! WHAT IS THIS STRANGE TRANSPARENT MATERIAL YOU MADE IT OF? 'TIS MUCH HARDER THAN THE PLASTICS WE USE!

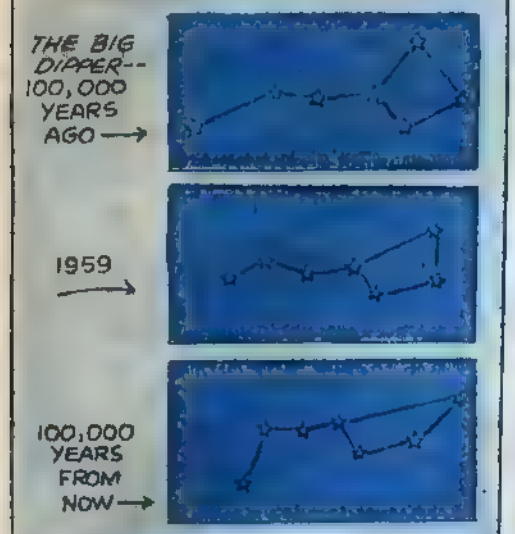

"SUDDENLY, THE OBVIOUS STRUCK ME!..."
ALL THEIR WINDOWS ARE MADE OF PLASTICS! THEY NEVER INVENTED COMMON GLASS! AND OF ALL THE PEOPLE I SAW, INCLUDING THAT MAN WHO COULDN'T FIND HIS COIN, NOT ONE OF THEM WORE ONE CERTAIN DEVICE! PROFESSOR, LOOK THROUGH THAT LENS...
AMAZING! IT MAGNIFIES THINGS FOR MY WEAK EYES! WHAT A HELP THIS COULD BE TO MILLIONS OF ERTHIANS WHO HAVE POOR EYESIGHT!
THE MOST IMPORTANT INVENTION I COULD GIVE THESE PEOPLE IS...
EYEGLASSES! HOW BLIND I WAS NOT TO SEE THAT RIGHT AWAY!
"BACK ON EARTH LATER, WITH MY FATHER..."
I'M PROUD OF YOU, SON! YOU NOT ONLY DISCOVERED A REMARKABLE NEW WORLD BUT INTRODUCED A VITAL INVENTION THAT WILL AID THEIR CIVILIZATION TREMENDOUSLY!
I WONDER WHAT TROUBLE MY SON WILL HAVE WINNING HIS SPACE TROPHY?
RAY CARR DISCOVERER OF ERTH 2025
The End

ADVERTISEMENT

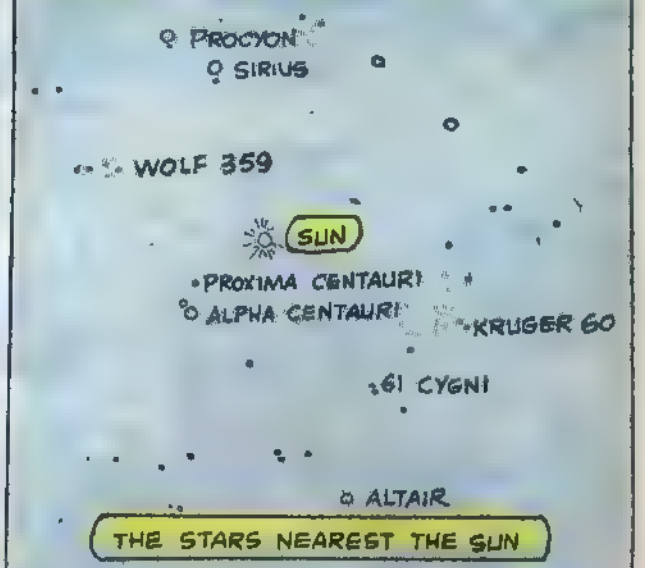

"I'm a pole-vaulting champ named O'Dwyer
And each day I try leaping higher!
Whenever I hop,
I find a Tootsie Roll POP
Gives that much needed lift I require!"
The only POP in the world with a center of delicious Tootsie Roll
POP

OUR AMAZING UNIVERSE!

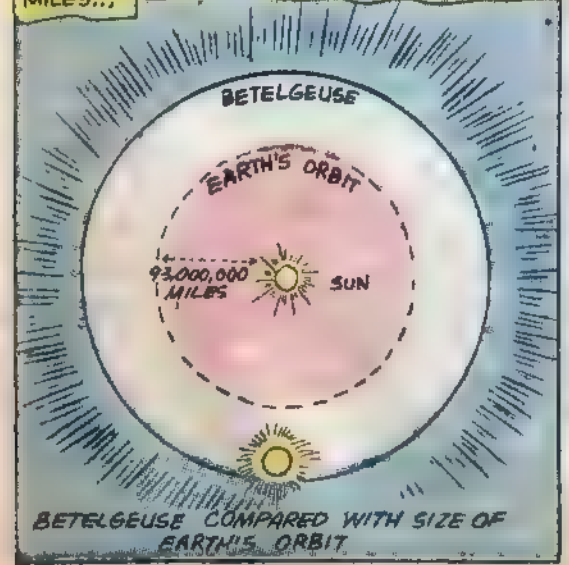
AS A RESULT OF STAR MOTIONS, THE SHAPES OF CONSTELLATIONS CHANGE SO MUCH IN THE COURSE OF CENTURIES AS TO BE UNRECOGNIZABLE...



THE TOTAL NUMBER OF STARS WITHIN 16 LIGHT YEARS OF EARTH (ABOUT 68 TRILLION MILES) OF EARTH IS 48...

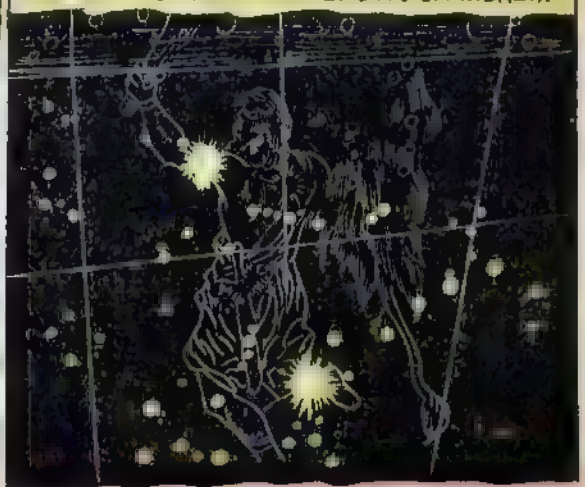


IT HAS BEEN ONLY 38 YEARS SINCE THE DIAMETER OF A STAR WAS FIRST SUCCESSFULLY MEASURED. THE STAR WAS **BETELGEUSE** --AND SINCE IT IS A **PULSATING STAR** IT VARIES IN SIZE FROM 260 TO 360 MILLION MILES...



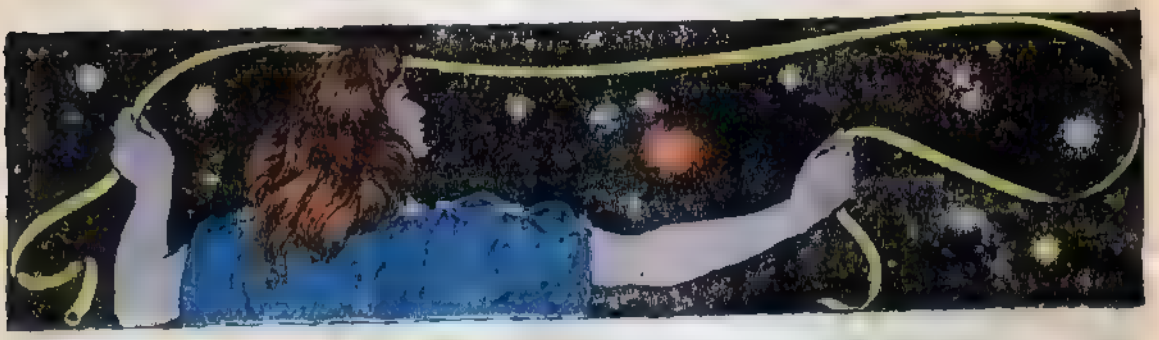
BETELGEUSE COMPARED WITH SIZE OF EARTH'S ORBIT

THE CHIEF ELEMENT OF WHICH STARS ARE COMPOSED IS **HELIUM**--WHICH MAY BE PRESENT TO THE EXTENT OF 99% OR MORE...



HELIUM STARS ARE SOMETIMES CALLED **ORION STARS**, BECAUSE THE CONSTELLATION **ORION** IS ESPECIALLY RICH IN HELIUM STARS! DEPICTED ABOVE IS THE CONSTELLATION **ORION**, REPRESENTED BY THE FIGURE OF A HUNTER...

WONDERS of SPACE



Dear Science Editor,

Of all the comets that have been discovered, which one is most often seen in the night sky?

S.W.,
Saratoga Springs, N.Y.

Dear S.W.,

The most frequent cometary visitor to Earth is **Encke's Comet,** flashing through our sky once every 3.3 years. The comet was originally discovered in 1786 and given the name **Comet Mechain.** The comet was rediscovered in 1795, but since it was thought to be a "new" comet it was dubbed **Caroline Herschel.** Its true identity still unsuspected, the comet was again "discovered" in 1805—and called **Pons' Comet.** By the year 1816, astronomer Encke deduced that the aforementioned comets were one and the same, and computed its orbital period to be 3.3 years. Since 1819, each of the periodical returns of **Encke's Comet** has been observed—with the exception of the one that occurred during the war-year 1944.

—Science Editor

* * *

Dear Science Editor,

In view of the fact that Mars has a comparatively thin planetary atmosphere, how would the color of the Martian sky differ from Earth's sky?

E. S.,
Tulsa, Okla.

Dear E.S.,

If Mars had no atmosphere at all, the color of the sky would be inky black—the color of space. But there is enough atmosphere on the red planet to impart a dark blue color to the sky—a blue somewhat different from the blue sky of Earth. Incidentally, the sun will be whiter than it appears to us on Earth. The Earth's atmosphere scatters a great percentage of the bluish light, leaving only its yellow and red rays, but this effect is considerably modified on Mars and makes the sun appear whiter.

—Science Editor

* * *

Dear Science Editor,

Please explain how the mass of earth, the sun, planets, and stars is measured.

S.P.,
Roanoke, Va.

Dear S.P.

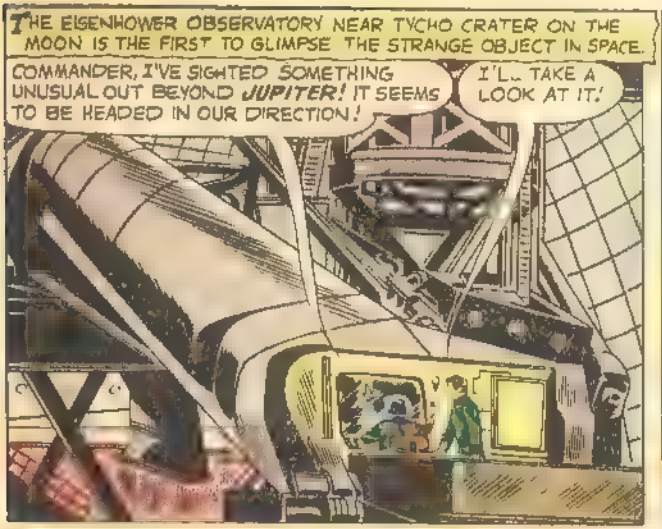
It is almost a universal law that bodies in space tend to revolve around one another. Because of this happy circumstance, astronomers can adapt mathematical physical laws that enable them to determine the mass of any celestial body revolving around another. Thus they can figure out the mass of the earth (6,000,000,000,000,000,000,000 tons) by measuring how far the moon falls toward earth in one second. In a similar manner, they can determine the mass of the sun (about a third of a million times that of earth) by measuring how far the earth and other solar system planets fall toward the sun in one second.

The orbital motions of Jupiter's satellites about the planet enable astronomers to weigh the planet itself (317 times that of earth). The billions of stars of the Milky Way Galaxy are all revolving around the hub of the galactic system—making it possible for the whole gigantic system, billions of times heavier than our sun, to be weighed.

Even the stars on the outside of spiral nebulae revolve around the central parts, thus enabling astronomers to weigh an entire universe millions of light years away from earth.

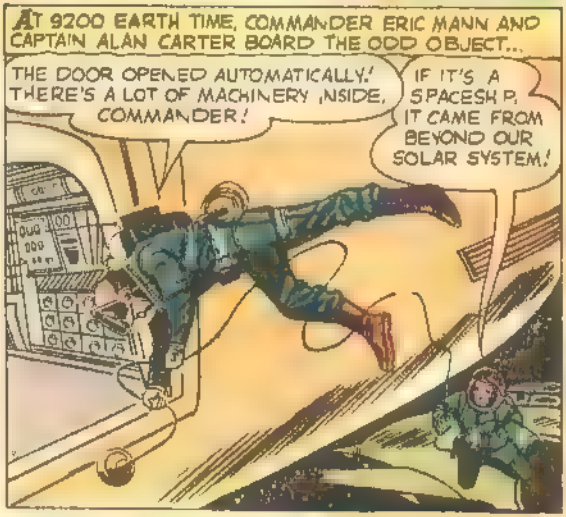
—Science Editor

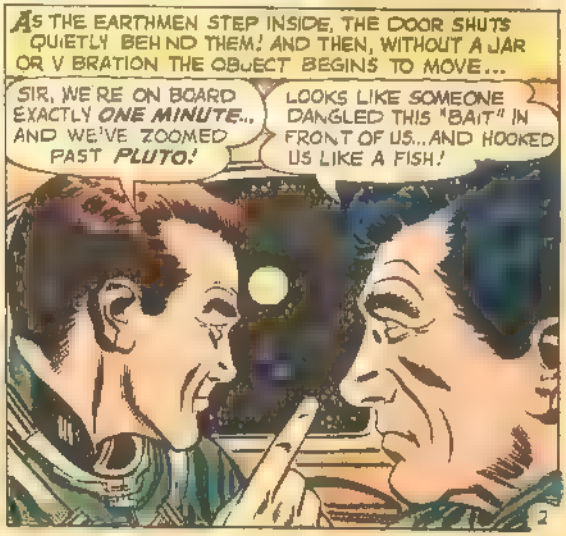
LIGHTHOUSE OF SPACE!
THE MYSTERY SHIP CAME FROM THE GREAT DEPTHS OF SPACE BEYOND THE SOLAR SYSTEM AND WHEN TWO ENTERPRISING EARTHMEN WENT OUT TO INVESTIGATE IT--BOTH THE SHIP AND SPACEMEN VANISHED FROM SIGHT.
AS SOON AS WE BOARDED THIS STRANGE VESSEL NEAR THE EARTH'S MOON IT TOOK OFF--AND WITHIN ONE MINUTE FLASHED PAST PLUTO-MORE THAN 3 BILLION MILES AWAY.
WHERE IS IT TAKING US AND WHY?

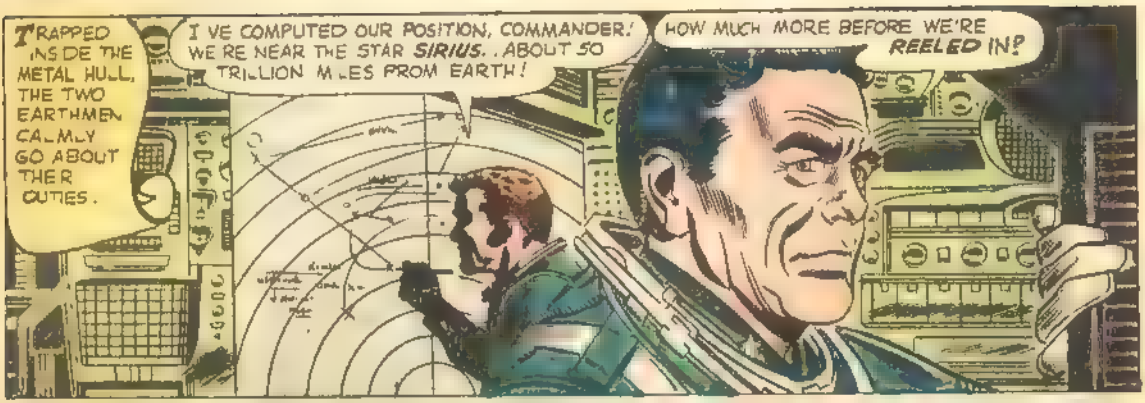

THE EISENHOWER OBSERVATORY NEAR TYCHO CRATER ON THE MOON IS THE FIRST TO GLIMPSE THE STRANGE OBJECT IN SPACE.
COMMANDER, I'VE SIGHTED SOMETHING UNUSUAL OUT BEYOND JUPITER! IT SEEMS TO BE HEADED IN OUR DIRECTION!
I'LL TAKE A LOOK AT IT!

NEVER SAW ANYTHING LIKE IT BEFORE! CONTACT EARTH HEADQUARTERS! TELL THEM WE'RE GOING TO CHECK ON AN UNIDENTIFIED FLYING OBJECT!

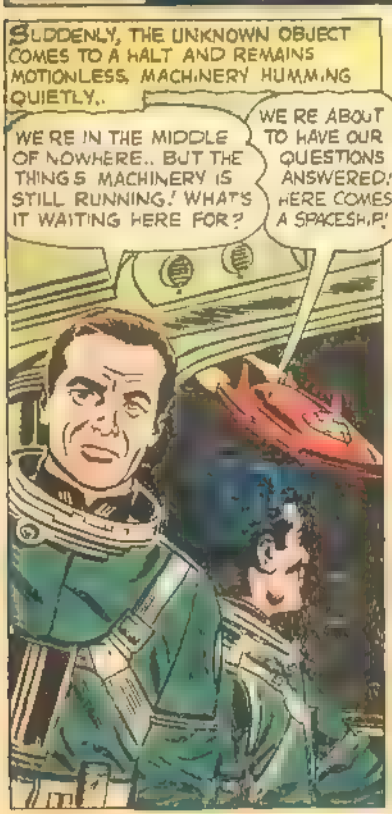
ONWARD TOWARD EARTH SPEEDS THE METAL VISITOR! UPWARD FROM THE MOON TO MEET IT ROARS THE SPACER ULYSSES..
OUR ORDERS JUST CAME .. IF DANGEROUS, DESTROY!

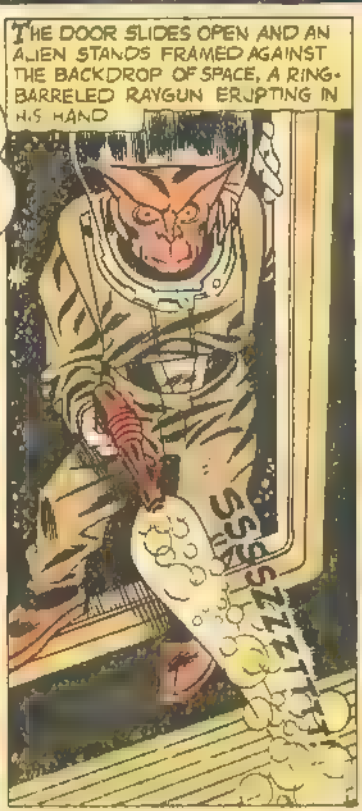

AT 9200 EARTH TIME, COMMANDER ERIC MANN AND CAPTAIN ALAN CARTER BOARD THE ODD OBJECT...
THE DOOR OPENED AUTOMATICALLY! THERE'S A LOT OF MACHINERY INSIDE, COMMANDER!
IF IT'S A SPACESHIP, IT CAME FROM BEYOND OUR SOLAR SYSTEM!

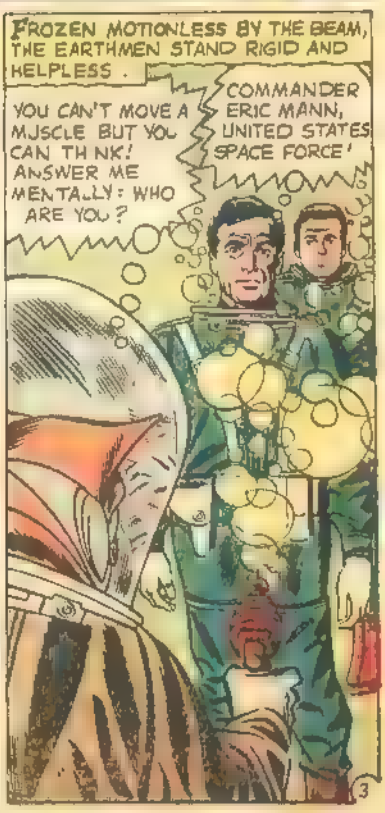

AS THE EARTHMEN STEP INSIDE, THE DOOR SHUTS QUIETLY BEHIND THEM! AND THEN, WITHOUT A JAR OR VIBRATION THE OBJECT BEGINS TO MOVE...
SIR, WE'RE ON BOARD EXACTLY ONE MINUTE.. AND WE'VE ZOOMED PAST PLUTO!
LOOKS LIKE SOMEONE DANGLED THIS "BAIT" IN FRONT OF US...AND HOOKED US LIKE A FISH!

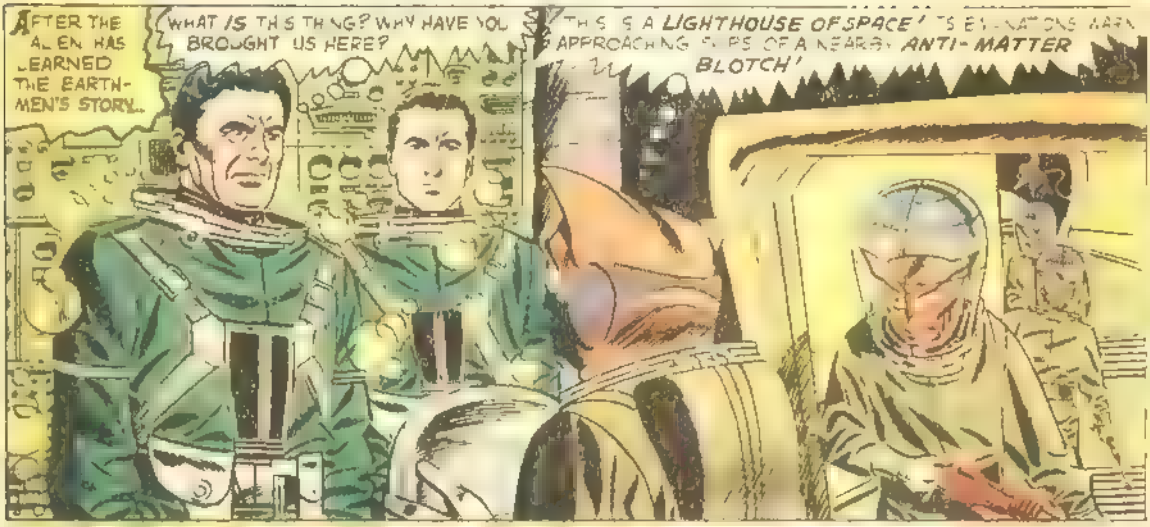

TRAPPED INSIDE THE METAL HULL, THE TWO EARTHMEN CALMLY GO ABOUT THEIR DUTIES.
I'VE COMPUTED OUR POSITION, COMMANDER! WE'RE NEAR THE STAR SIRIUS.. ABOUT 50 TRILLION MILES FROM EARTH!
HOW MUCH MORE BEFORE WE'RE REELED IN?

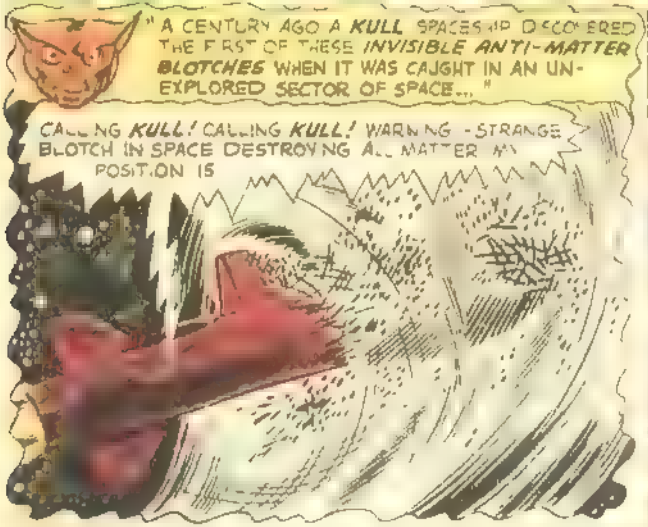
WE HAVE FOOD ENOUGH TO LAST A FEW DAYS! ENOUGH FUEL IN OUR SPACER TO GO ONLY A MILLION MILES.

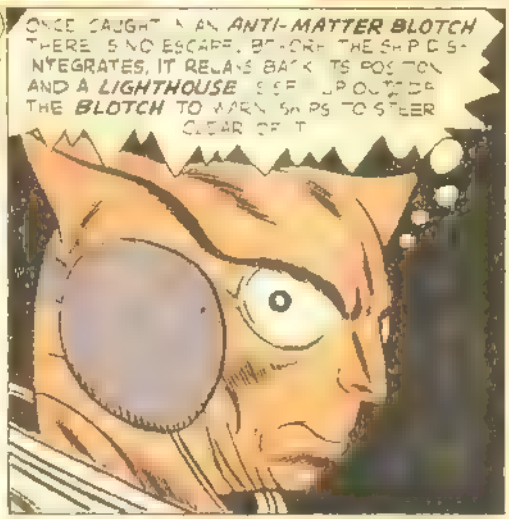

SUDDENLY, THE UNKNOWN OBJECT COMES TO A HALT AND REMAINS MOTIONLESS, MACHINERY HUMMING QUIETLY..
WE'RE IN THE MIDDLE OF NOWHERE.. BUT THE THINGS MACHINERY IS STILL RUNNING! WHAT'S IT WAITING HERE FOR?
WE'RE ABOUT TO HAVE OUR QUESTIONS ANSWERED! HERE COMES A SPACESHIP!

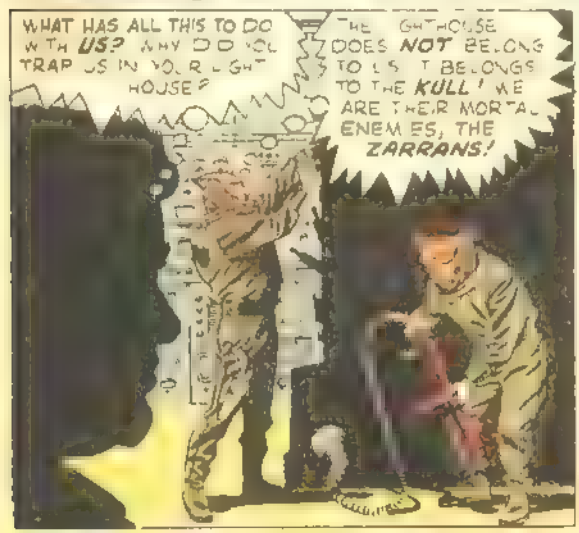

THE DOOR SLIDES OPEN AND AN ALIEN STANDS FRAMED AGAINST THE BACKDROP OF SPACE, A RING-BARRELED RAYGUN ERUPTING IN HIS HAND
SSSSZZZTTT!


FROZEN MOTIONLESS BY THE BEAM, THE EARTHMEN STAND RIGID AND HELPLESS.
YOU CAN'T MOVE A MUSCLE BUT YOU CAN THINK! ANSWER ME MENTALLY: WHO ARE YOU?
COMMANDER ERIC MANN, UNITED STATES SPACE FORCE!

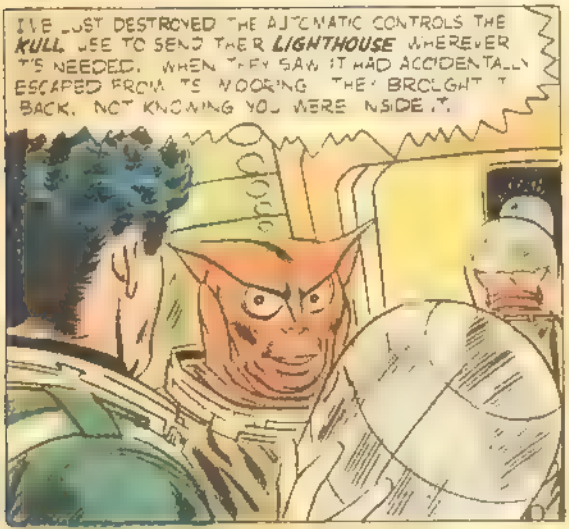

AFTER THE ALIEN HAS LEARNED THE EARTHMEN'S STORY..
WHAT IS THIS THING? WHY HAVE YOU BROUGHT US HERE?
THIS IS A LIGHTHOUSE OF SPACE! ITS EMANATIONS WARN APPROACHING SHIPS OF A NEARBY ANTI-MATTER BLOTCH!


"A CENTURY AGO A KULL SPACESHIP DISCOVERED THE FIRST OF THESE INVISIBLE ANTI-MATTER BLOTCHES WHEN IT WAS CAUGHT IN AN UNEXPLORED SECTOR OF SPACE..."
CALLING KULL! CALLING KULL! WARNING - STRANGE BLOTCH IN SPACE DESTROYING ALL MATTER IN MY POSITION IS

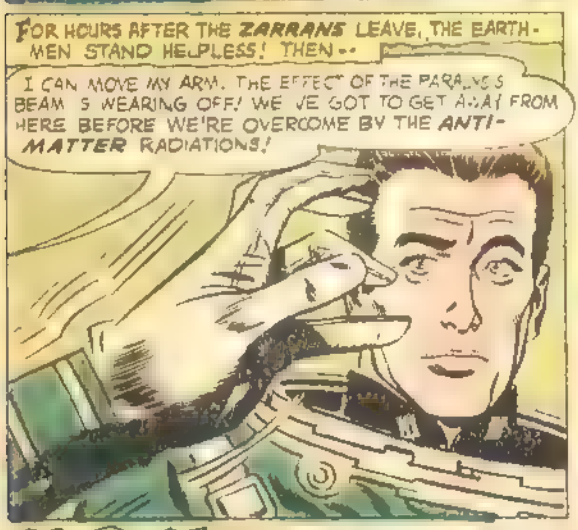

ONCE CAUGHT IN AN ANTI-MATTER BLOTCH THERE IS NO ESCAPE. BEFORE THE SHIP DISINTEGRATES, IT RELAYS BACK ITS POSITION AND A LIGHTHOUSE SET UP OUTSIDE THE BLOTCH TO WARN SHIPS TO STEER CLEAR OF IT


WHAT HAS ALL THIS TO DO WITH US? WHY DO YOU TRAP US IN YOUR LIGHT HOUSE?
THE LIGHTHOUSE DOES NOT BELONG TO US! IT BELONGS TO THE KULL! WE ARE THEIR MORTAL ENEMIES, THE ZARRANS!

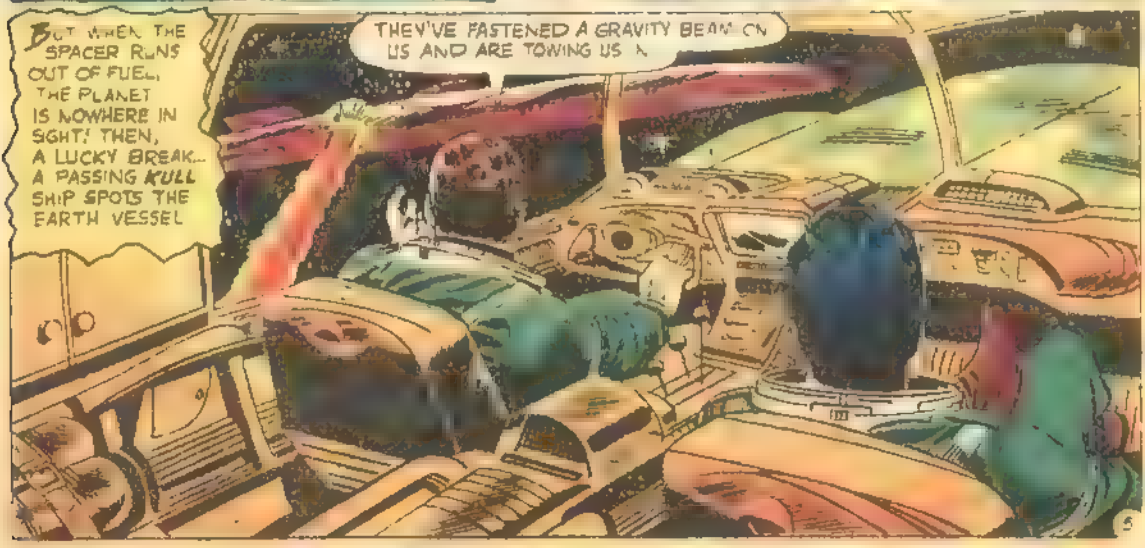
RECENTLY A ZARRAN SCIENTIST DISCOVERED THAT XENELITE CRYSTALS ABSORB ANTI-MATTER! HE LEARNED TO BEAM THE ABSORBED ANTI-MATTER FORCE AT ANY OBJECT HE WANTED TO DESTROY. WATCH
ZZZZZ


I'VE JUST DESTROYED THE AUTOMATIC CONTROLS THE KULL USE TO SEND THEIR LIGHTHOUSE WHEREVER IT'S NEEDED. WHEN THEY SAW IT HAD ACCIDENTALLY ESCAPED FROM ITS MOORING THEY BROUGHT IT BACK, NOT KNOWING YOU WERE INSIDE IT.

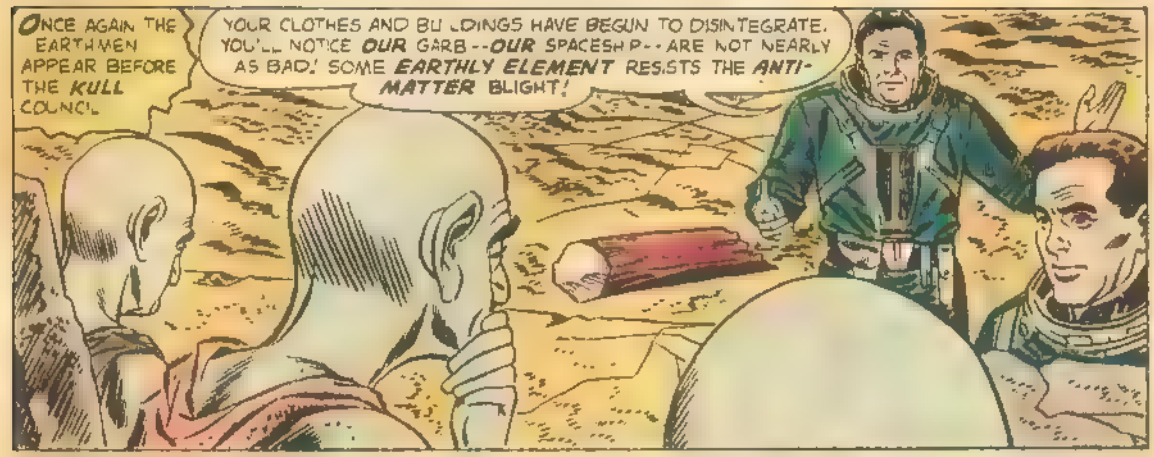
AFTER THE XENELITE CRYSTALS WE PLACE IN THE LIGHTHOUSE HAVE ABSORBED THE ANTI-MATTER BLOTCH, A MACHINE WILL BEAM IT AT THE KULL PLANET WITHIN A WEEK ALL KULL WILL BE DESTROYED.

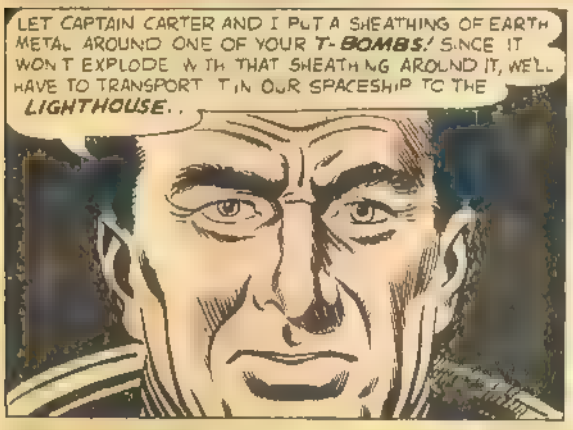

FOR HOURS AFTER THE ZARRANS LEAVE, THE EARTHMEN STAND HELPLESS! THEN--
I CAN MOVE MY ARM. THE EFFECT OF THE PARALYSIS BEAM IS WEARING OFF! WE'VE GOT TO GET AWAY FROM HERE BEFORE WE'RE OVERCOME BY THE ANTI-MATTER RADIATIONS!

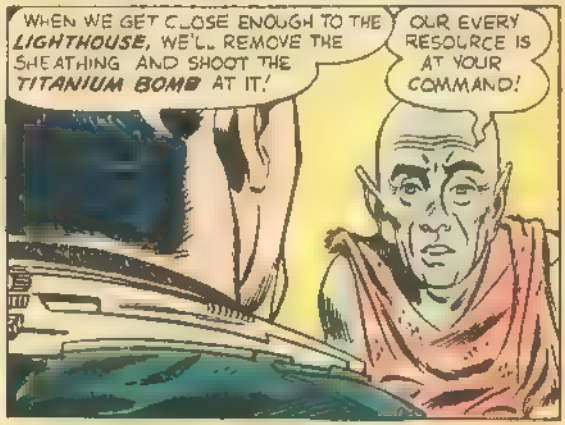
HAND OVER HAND THEY MOVE ALONG THE CLAMP CABLE TO THEIR SPACER
WHERE'LL WE GO? WE ONLY HAVE ENOUGH FUEL FOR A MILLION MILES!
WE'LL HEAD FOR KULL.. AND WARN THEM OF THE IMPENDING DISASTER. THE NOZZLE AIMING THE ANTI-MATTER AT KULL SHOWS US ITS DIRECTION.

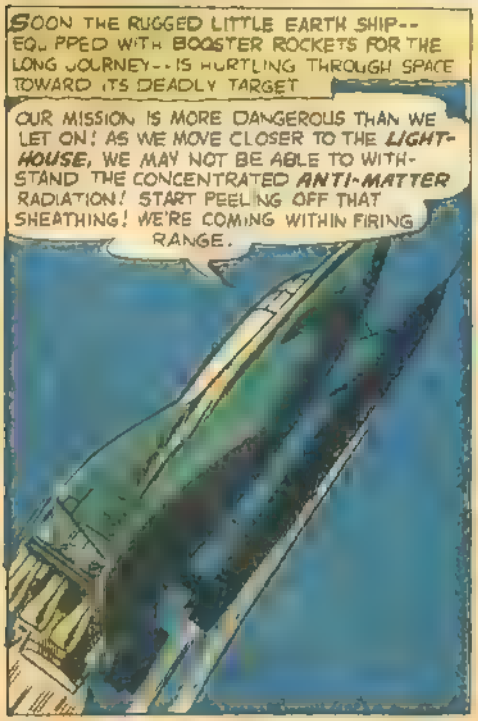

BUT WHEN THE SPACER RUNS OUT OF FUEL, THE PLANET IS NOWHERE IN SIGHT! THEN, A LUCKY BREAK... A PASSING KULL SHIP SPOTS THE EARTH VESSEL
THEY'VE FASTENED A GRAVITY BEAM ON US AND ARE TOWING US IN

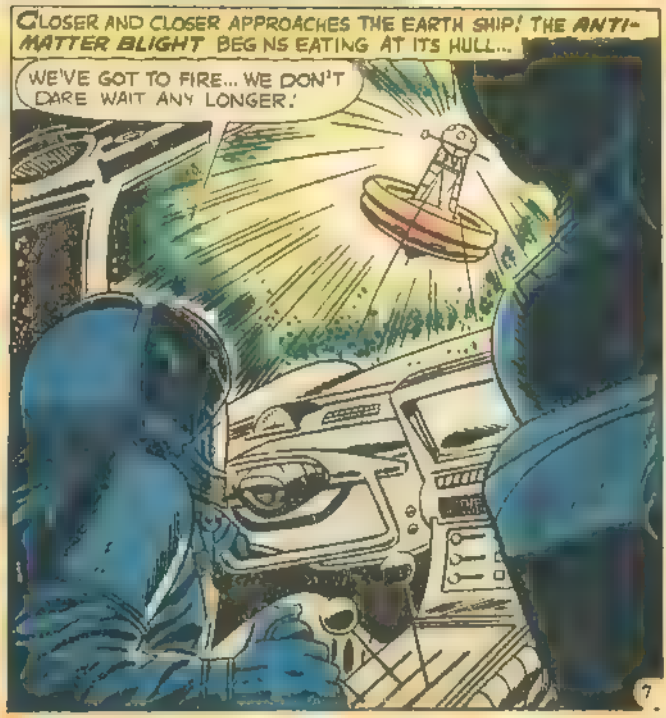
ON KULL, COMMANDER MANN MAKES HIS REPORT TO THE PLANETARY COUNCIL...
WE ARE GRATEFUL FOR YOUR WARNING! WE KULL ARE PEACEFUL AND HAVE KEPT THE ZARRANS FROM CONQUERING OUR SYSTEM'S PLANETS! UNABLE TO DEFEAT US IN BATTLE THEY ARE NOW TRYING TRICKERY!
OUTSIDE THE COUNCIL ROOM THE CITY OF KULL IS BEGINNING TO CRUMBLE
WE HAVE LESS THAN A WEEK TO LIVE..
UNLESS WE CAN FIND A WAY TO DESTROY THE LIGHTHOUSE..
FRANTIC EFFORTS ARE MADE TO SMASH THE DEADLY LIGHTHOUSE
NEITHER OUR SHIPS NOR GUIDED MISSILES CAN REACH THE LIGHTHOUSE! THEY DISINTEGRATE BEFORE THEY GET THERE!
THE ANTI-MATTER RADIATIONS GROW STRONGER ALL THE TIME! SOON WE WON'T HAVE ANYTHING LEFT TO FIRE AT!
MEANWHILE COMMANDER MANN AND CAPTAIN CARTER WANDER THROUGH THE DISINTEGRATING CITY..
THEIR DOOM IS OUR DOOM TOO!
IF ONLY THERE WERE SOMETHING WE COULD DO--
ALAN-- WAIT! THAT KULL-MAN... HIS CLOTHES DISINTEGRATING-- OUR SPACESUITS ARE NOT! WHY DIDN'T I THINK OF THAT BEFORE?

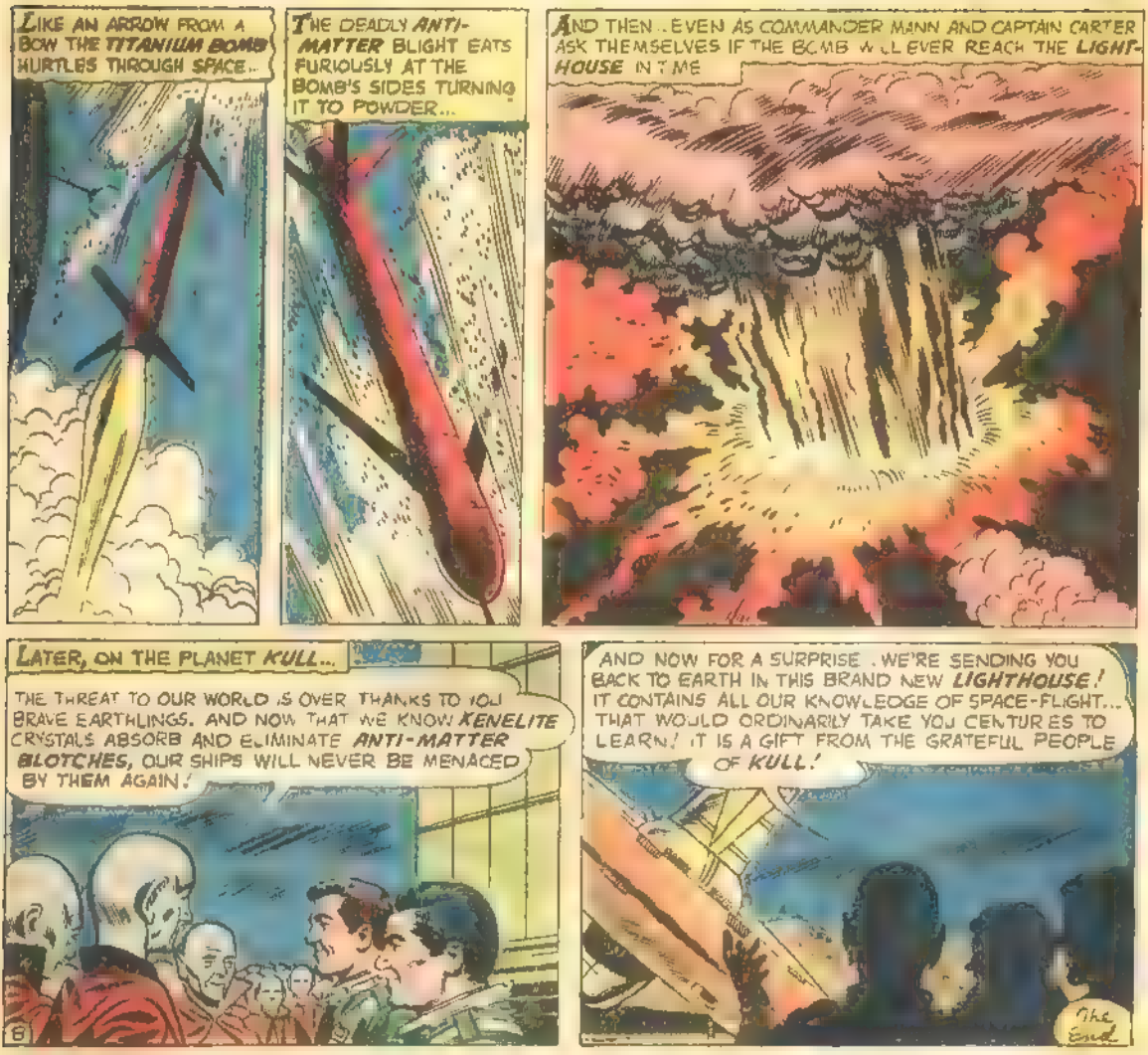

ONCE AGAIN THE EARTHMEN APPEAR BEFORE THE KULL COUNCIL
YOUR CLOTHES AND BUILDINGS HAVE BEGUN TO DISINTEGRATE. YOU'LL NOTICE OUR GARB--OUR SPACESHIP--ARE NOT NEARLY AS BAD! SOME EARTHLY ELEMENT RESISTS THE ANTI-MATTER BLIGHT!


LET CAPTAIN CARTER AND I PUT A SHEATHING OF EARTH METAL AROUND ONE OF YOUR T-BOMBS! SINCE IT WON'T EXPLODE WITH THAT SHEATHING AROUND IT, WE'LL HAVE TO TRANSPORT IT IN OUR SPACESHIP TO THE LIGHTHOUSE..

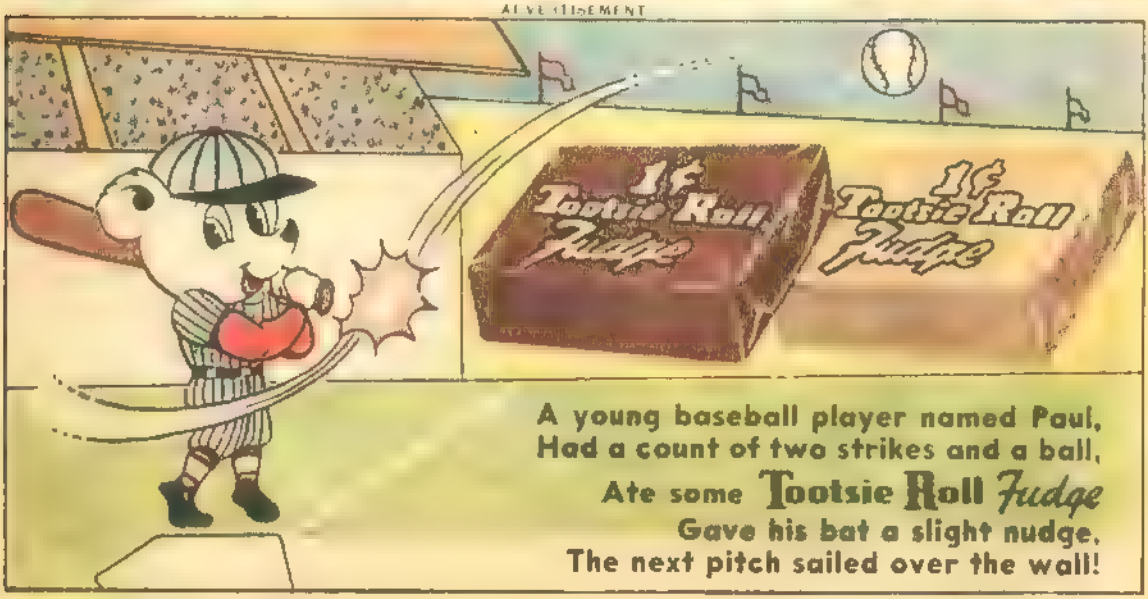

WHEN WE GET CLOSE ENOUGH TO THE LIGHTHOUSE, WE'LL REMOVE THE SHEATHING AND SHOOT THE TITANIUM BOMB AT IT!
OUR EVERY RESOURCE IS AT YOUR COMMAND!


SOON THE RUGGED LITTLE EARTH SHIP--EQUIPPED WITH BOOSTER ROCKETS FOR THE LONG JOURNEY--IS HURTLING THROUGH SPACE TOWARD ITS DEADLY TARGET
OUR MISSION IS MORE DANGEROUS THAN WE LET ON! AS WE MOVE CLOSER TO THE LIGHTHOUSE, WE MAY NOT BE ABLE TO WITHSTAND THE CONCENTRATED ANTI-MATTER RADIATION! START PEELING OFF THAT SHEATHING! WE'RE COMING WITHIN FIRING RANGE.


CLOSER AND CLOSER APPROACHES THE EARTH SHIP! THE ANTI-MATTER BLIGHT BEGINS EATING AT ITS HULL...
WE'VE GOT TO FIRE... WE DON'T DARE WAIT ANY LONGER!


LIKE AN ARROW FROM A BOW THE TITANIUM BOMB HURTLES THROUGH SPACE..
THE DEADLY ANTI-MATTER BLIGHT EATS FURIOUSLY AT THE BOMB'S SIDES TURNING IT TO POWDER...
AND THEN..EVEN AS COMMANDER MANN AND CAPTAIN CARTER ASK THEMSELVES IF THE BOMB WILL EVER REACH THE LIGHT-HOUSE IN TIME
LATER, ON THE PLANET KULL..
THE THREAT TO OUR WORLD IS OVER THANKS TO YOU BRAVE EARTHLINGS. AND NOW THAT WE KNOW KENELITE CRYSTALS ABSORB AND ELIMINATE ANTI-MATTER BLOTCHES, OUR SHIPS WILL NEVER BE MENACED BY THEM AGAIN!
AND NOW FOR A SURPRISE . WE'RE SENDING YOU BACK TO EARTH IN THIS BRAND NEW LIGHTHOUSE! IT CONTAINS ALL OUR KNOWLEDGE OF SPACE-FLIGHT... THAT WOULD ORDINARILY TAKE YOU CENTURIES TO LEARN! IT IS A GIFT FROM THE GRATEFUL PEOPLE OF KULL!
The End

ADVERTISEMENT


1¢ Tootsie Roll Fudge
1¢ Tootsie Roll Fudge
A young baseball player named Paul,
Had a count of two strikes and a ball,
Ate some Tootsie Roll Fudge
Gave his bat a slight nudge,
The next pitch sailed over the wall!

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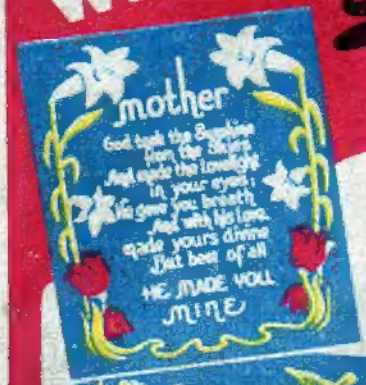
DO YOU WANT SPENDING MONEY?

Sell these popular Patriotic and Religious Mottoes



SEND US NO MONEY IN ADVANCE

Just write and ask us to send you 40 of these beautiful glittering mottoes which the public likes so well. Sell them easily and quickly to your friends and neighbors for only 35c each. At the end of 14 days send back, if you wish, all mottoes you have not sold, and send us only 25c for each you have sold. You keep all the rest of the money.

IF YOU SELL 25, YOU KEEP $2.50

IF YOU SELL 30, YOU KEEP $3.00

IF YOU SELL ALL 40 YOU KEEP $4.00

REMEMBER: No money is needed in advance. You take no risks. You can return all the mottoes you do not sell. You do not pay shipping costs or split your commission. You keep all the profit on each sale.

WRITE FOR COMPLETE DETAILS TO

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IN 15 MINUTES
I'LL PROVE YOU CAN HAVE A RUGGED, VIRILE, HE-MAN BODY!

JOE WEIDER
"The Muscle Builder"
"Trainer of Champions"

Let me add 5 to 50 Pounds of "He-Man" muscles to your body. Pack 3 inches of "Steel-like" muscles to your arms. Add another 10 inches of rugged muscles to your chest — right in the privacy of your own home!

THIS CERTAINLY CAN HAPPEN TO YOU!

What I did for these former weaklings I can do for you!

HERE'S LIVING PROOF!

ANDRE LEPINE
Gains 80 lbs.
OF
SOLID MUSCLE

BEFORE

BEFORE mailing the coupon . . . 100 pounds of skin and bones! What a rundown wreck! He had 10-inch pipe-stem arms — a flat 34 inch chest. Truly a pathetic case of weakness before he mailed me this coupon!

AFTER

AFTER Weider Training! What a Change! What a Build! 180 pounds -- a mountain of mighty muscles, loaded with Herculean 17-inch arms, magnificent 48-inch chest and shoulders a yard wide! Another dream come true!

MY PUPILS WIN "MR UNIVERSE" TITLES

Jack Delinger and Ray Schaffer, both "Mr. America" and "Mr. Universe" winners. My pupils have also won "Mr. Europe", "World's Best Built" and "Strongest Man" titles.

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CLARENCE ROSS
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Tells you how he built his muscles The Weider Way.

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JUST 15 MINUTES TO THAT RUGGED, DYNAMIC, HE-MAN BUILD YOU ALWAYS WANTED!

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MY FREE TRIAL OFFER IS NOW YOURS AS A FREE GIFT! NO OBLIGATION ON YOUR PART... JUST RUSH ME THIS COUPON NOW.

MAIL COUPON FOR YOUR FREE COURSE

Check here where you want bigger muscles . . . I'll show you how to put 'em there!

( ) ARMS
( ) NECK
( ) CHEST
( ) WAIST
( ) THIGHS
( ) CALVES

(check the gains you want)

I WANT ☐ Added Weight ☐ Broader Shoulders ☐ Speedier Athletic Legs ☐ More Endurance and Energy

JOE WEIDER Dept. 80-59K
"Trainer of the Champions"
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Shoot the works, Joe! Rush me my Free Introduction, Power-Charged, Muscle Building Course. (I enclose only 25 cents to cover cost of handling and mailing.) I am under no obligation.

Name ..... Age .....
Address .....
City ..... Zone ..... State .....
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